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Coming Events

47th Annual QCWA QSO Party
April 5 and October 4, 2003

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THOSE WHO HAVE SERVED

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John DiBlasi, W2FX (SK)	1947 - 1964
Earl R. Thomas, W2MM (SK)	1965 - 1968
Clarence Seid, W2KW	1969 - 1971
Barry Goldwater, K7UGA (SK)	1972 - 1973
Frank A. Gunther, W2ALS (SK)	1974 - 1977
Harry S. Gartsman, W6ATC	1978 - 1981
Stuart Meyer, W2GHK (SK)	1982 - 1985
Leland Smith, W5KL	1986 - 1989
Harry Dannals, W2HD	1989 - 1994
Lew McCoy, W1ICP (SK)	1994 - 1996
John Kelleher, W4ZC (SK)	1996 - 1998
Gary R. Harrison, KØBC	1998 - 2002

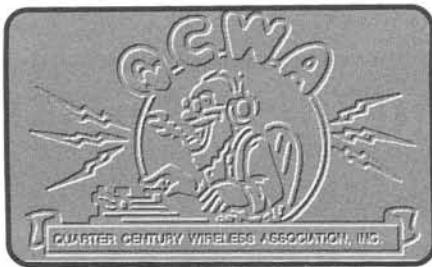
Executive Secretary/General Manager

Ralph Barber, W2ZM (SK)	1955 - 1964
Gus Gironda, W2JE (SK)	1965 - 1973
Ethel Smith, K4LMB (SK)	1974 - 1976
Ted Heithecker, W5EJ (SK)	1976 - 1991

The QCWA Journal

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From the President

Croft Taylor, VE3CT



The Quarter Century Wireless Association

The Quarter Century Wireless Association, Inc. was founded December 5, 1947, as a non-commercial association of radio amateurs organized for the promotion of interest in Amateur Radio communication and experimentation, for the establishment and advancement of the radio art and of the public welfare.

QCWA is an incorporated association without capital stock chartered under the laws of the State of New York, and is a tax exempt 501(C)3 organization under the Internal Revenue Code of 1986.

Its affairs are governed by a President, Vice President, Secretary, Treasurer and a Board of Directors, whose voting members are elected every two years by the general membership.

In order to qualify for membership in QCWA one must have demonstrable proof of having been first licensed as an Amateur Radio operator at least 25 years prior to application for membership and must be currently licensed.

Membership inquiries and general correspondence should be addressed to the business office at 159 E. 16th Ave., Eugene, OR 97401-4017 USA. Telephone, 541-683-0987. Fax, 541-683-4181.

For those of you who were not able to get to the 2002 Convention in Kissimmee Florida, you missed a really good gathering. Al LaPeter, W2AS, Convention Chairman along with his XYL Pam and the great Convention Committee left no stone unturned to ensure success. They even conscripted the Hotel Sales Manager, John Allen, K8GHE into the ranks of QCWA which of course had a positive effect on deliberations.

Since the Convention, QCWA's Board of Directors has approved the Dallas Chapter 41's request to host the 2003 Convention. The Convention Hotel will be the Crowne Plaza in Addison Texas at the north end of Dallas. Please look elsewhere in this Journal for details and an application form. I hope to meet many of you there next October.

I would like to draw your attention to an article in this Journal - that of the creation of our new Endowment Bond. As you all probably know, QCWA has for some time been running very close to being in the red at the end of our fiscal years. In fact, when the final results are tallied, we may actually be in the red for the year 2002. One of our biggest expenses of course is to produce a quality Journal such as this Issue. With very little advertising, it cannot support itself and we have to rely upon our general operating funds to cover the expenses. The last thing I would consider in filling this gap would be to increase membership dues beyond the current level. We are however endeavouring to increase our revenues in the following three ways - 1) by increasing membership numbers, and to that end we have recruited a very capable person, Larry McCalvy, WA9JMO, as Recruiting Chairman" 2) by attempting to procure an Advertising Chairman for the Journal and 3) by the inauguration of the Endowment Program. The architect of this development was Arch Doty, W7ACD. One of the facets of this approach is a vehicle to permit members to loan QCWA a sum of money, which may be recovered by the donor at any time, but from which QCWA can benefit from the investment interest during the loan period. We are hoping many of you will assist us in this project. Please see KJ9N's article on the subject elsewhere in this Journal Issue.

One final thought - the Spring QCWA QSO Party is just about here. Rules of the QSO Party along with a sample Log are included in this Journal. If you wish an extra copy of these, together with a State/Province/Country check list, please send an SASE to our General Manager, Jim Walsh. By the way - please try to participate in this on the air activity - even for a short while and when you do so, send in your logs - no matter how few contacts you make. As I have often mentioned in my Chapter visits, we measure the success of the QSO parties - not by the number of contacts made, but by the number of logs we receive. You have one month after the QSO party to send your logs to Dick Newsome, WØHXL. By the way, for those computer literate participants, I have commissioned the development of Computer logging software for our QSO parties, and hope to have this available for your use before 2004.

QCWA REDEEMABLE ENDOWMENT BOND PROGRAM BEGINS

The Quarter Century Wireless Association has begun issuing the first of what is hoped will be many more Redeemable Endowment Bonds. Based on an idea first generated by Arch Doty, former chair of the QCWA Board Finance Committee, these bonds come in several denominations, so that virtually every QCWA member can participate in this program, based upon their commitment to the Association and their willingness to loan to the QCWA those funds required to meet current, on-going financial obligations, along with the guarantee that after one year, every penny loaned will be returned at any time should the donor so request, for the full face value of the Bond. Printed with a blazing gold border on heavy paper stock, each Redeemable Endowment Bond can be framed or preserved as the donor wishes, since their very appearance represents a commitment to the QCWA that should rightfully be known and admired.

Every Bond will be individually prepared and printed by QCWA Headquarters, and mailed to each Bond purchaser immediately after the receipt of the funds represented on the face of the individual Bond. As many Bonds as anyone may wish to purchase will be available, each as a separate document, with its own denomination and date. Of course, it is understood that Bond ownership does not imply that the Bondholder has any rights of ownership of the assets of QCWA or of the QCWA Endowment program. Rather, all Redeemable Endowment Bonds should be considered as loans (or gifts, if so desired) to the QCWA.

QCWA Redeemable Endowment Bonds will be offered in the following denominations: \$100, \$250, \$500, \$1000, \$5000, and \$10,000. While there will be no interest paid to the Bond holder(s) directly per se, each will know that the interest earned will nevertheless help provide a more stable income to QCWA than is now provided by membership dues payments alone or other cyclical sources of income. In fact, there are a number of very tangible benefits to Bond holders over and beyond the intrinsic satisfaction of knowing that as a Bondholder, you are contributing to the long-range financial stability of the QCWA. Among these tangible benefits are the following:

1. Bonds in the amount of \$1000 and above will also carry an additional advantage to the purchaser in that as such, the

purchaser will not be required to pay QCWA annual dues during the time that the Bond remains in force.

2. All Bondholders will receive a free copy of each QCWA membership CD as they are issued.

3. Bondholders will receive an impressive Bond certificate attesting to their Bond purchase.

4. Bond holders names will be published in the QCWA Journal, thus recognizing publicly their commitment to the mission of the Association, and their personal participation in this means and method whereby the Association can accumulate and invest assets whose unrestricted income can be earmarked for the payment of the operating expenses of the Association.

5. At the death of any Bondholder, the face value of the Bond will be distributed as specified by the Bondholder, either at the time of purchase or at some later date before death. It may be returned to the heirs or the estate of the named Bondholder, or if so specified, the face value may be designated as a charitable gift contribution to the QCWA Endowment program. Since the QCWA is a 501-c (3) tax-exempt organization, then (For U.S. Residents) the Bond may be fully deductible as a charitable gift, to the extent permitted by law, on the individual donor's Federal Income Tax return. The QCWA will issue an appropriate acknowledgement of the gift for estate or tax records, which represents a very tangible tax benefit.

6. All funds received from the sale of Redeemable Endowment Bonds will separately administered, and invested in accordance with the QCWA's Investment Policy Guidelines (copy available upon request). This will guarantee their long-term safety and assurance that the principle of the Bond Investments will never be invaded or lost.

Three Bonds (one \$1000 Bond) have already been purchased by members who heard about the new QCWA Redeemable Endowment Bond Program at the time of the Annual Convention in October. Others are sure to follow. This announcement of the launching of the Redeemable Endowment Bond program represents an immediate opportunity for every reader of the Journal and every member at large and every Chapter and its members to be among the pace-setting purchasers of one of these Redeemable Endowment Bonds. Now, why don't you be next?

QCWA 2003 Hamvention Banquet

The QCWA Hamvention Banquet, hosted by Chapter 9 (SW-Ohio), will be held on Friday, May 16, 2003 at 7:30 PM.

2003 is the year of the Centennial of Flight. Our presentation will be by Howard DuFour, who wrote a book titled "Charles Taylor The Wright Brothers Mechanician". He will talk about Charles Taylor who built the first engines for the Wright Brothers, and as such was the first airplane mechanic. Advanced reservation required. Cost per person is \$ 17.00 (tax & tip included) Send reservation request along with check to Ed Sonnanstine, 405 Exing Av. West Carrollton OH 45449. Make check out to Ed Sonnanstine, Treasurer. E-mail: EdSonny@aol.com

The Dinner will be held at Alex's Continental Restaurant, 125 Monarch Lane near Miamisburg. From I-75 south of Dayton take Rt. 725 and go West about 4/10 of a mile. The restaurant is on your left. Turn left just before you come to the red light.

QCWA Scholarships

QCWA offers cash scholarships each year to qualified radio amateurs enrolled in or planning to enroll in full time courses leading to degrees at accredited colleges and universities. There are no restrictions as to sex, race, class of amateur license, course of study or geographic area. The QCWA program is administered without charge by the Foundation of Amateur Radio in the Washington D.C. area. Applications should be requested by interested radio amateurs on or after January 1 of each year only from the FAR Scholarship Committee, Post Office Box 831, Riverdale, MD 20738. Each application must be recommended by a QCWA member and applications must be received by FAR on or before April 30 of each year.

QCWA scholarships are funded from earnings on the invested Scholarship Fund. The Scholarship Program was established by the QCWA Board of Directors in 1977 and an initial \$500 scholarship was awarded in 1978. Over the years QCWA Chapters, members and others have contributed to the fund and each year QCWA has offered more cash and scholarships to radio amateurs. In 2003 QCWA is offering seventeen (17) cash scholarships financed by \$17,500.00 from earnings on the invested Scholarship Fund.

Donations to the QCWA Scholarship Fund are Federal Income tax deductible as QCWA qualifies as an IRS Section 501(c)(3) charitable entity. Contributions to the Fund are frequently made in memory of Silent Keys. All contributions should be payable to the QCWA Memorial Scholarship Fund and mailed directly to QCWA General Manager, Jim Walsh, W7LVN, 159 East 16th Avenue, Eugene, OR 97401-4017. All contributions are acknowledged in writing.

Leland Smith, W5KL, QCWA President Emeritus, is Chairman of the QCWA Memorial Scholarship Fund Committee and is happy to answer any questions about the program.

QCWA Presidential Awards



Amateur service licensing experts Ms. Darlene Reader (l) and Mr. Larry Weikert (r), formerly of the FCC Wireless Telecommunications Bureau, receive our QCWA Presidential Awards at the retirement party for Ms. Reader held in Gettysburg, PA, on December 10th, 2002. The awards were presented by our Vice-president, John B. Johnston, W3BE (c), in appreciation for their dedication to serving us so well for some 42 years.

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Part II: Jack Kelleher and Radio during WW II

The following is Part II of a "reader's digest" version of a longer autobiography written by Jack Kelleher for his children and grandchildren and augmented by other material provided by Jack in recent years. Part I appeared in the Fall 2002 issue of the journal. For every vignette summarized here, several had to be omitted for lack of space. Part III will appear in a future issue.

Jack became a Silent Key in February 2002. His widow, Margaret, has established a QCWA scholarship fund in memoriam.

One of Jack's sons, Gerald "Jerry" Kelleher, has earned his Extra class license and has obtained his father's call, W4ZC. Jerry is a frequent guest of the chapter and will be eligible for membership in QCWA in 2007.

Dick Rucker, KM4ML

Précis: Part I of Jack's story ended in 1940 when he was serving as a radio mechanic at the Signal Corps Labs at Ft. Monmouth NJ. There he became an expert in the installation, testing, and use of the new FM VHF radios, such as the SCR-508, designed for military mobile use, to replace the AM VHF radios used by the Army. After World War II started (December 1941), Edwin Howard Armstrong, the inventor and strong proponent of FM for static-free communications and broadcasting, turned all of his patents over to the government at no cost. Fred Link was an early manufacturer of mobile VHF FM equipment for police applications. Armstrong and Link were frequent visitors and observers of the work that Jack and his unit were doing at Ft. Monmouth.

Part II: The War Years

Upgrading Protective Communications for FDR

"During the summer of 1941, the Secret Service contacted the Signal Corps for assistance in updating protective communications for President Roosevelt. For the rest of '41, we were away more than we were at home – almost anywhere the President went, we went, too. We slept more than one night on the floor of one of the vans housing a large HF ground station that we used to communicate with local police and with our own net of hand-helds, the SCR-536."

December 1941: Japanese attack Pearl Harbor

"On the day after the attack on Pearl Harbor, I was sent to Washington and attached to a military unit called the

White House Signal Detachment, and now the White House Communications Agency."

"Soon we began installing Motorola police VHF transmitter and receivers in more Secret Service vehicles and installing base stations for the mobiles. One criterion for the VHF net was to have continuous communications while

traveling between Washington and Hyde Park NY, the President's home. A 1-ton panel truck was located in a field on a ridge just north of the Susquehanna River that allowed us to communicate with Washington and with the Secret Service office in Philadelphia. Philly could communicate with New York, and New York could communicate with a station in a barn on the Roosevelt estate."

"Early in 1942 the White House car fleet was augmented with several Lincoln Zephyr sedans that had armor plate in strategic locations, including the floor of the trunk. Before taking delivery, I went to Detroit to show the Ford people where to torch holes for the Motorola radio mounts and for access holes for control lines and antenna leads."

In the spring of 1942, the rest of the group from the Labs was sent home, but Jack remained to act as liaison between the Labs and the White House Signal Detachment. Jack was reclassified from Radio Mechanic to Radio Engineer and transferred to the Office of the Chief Signal Officer.



"I married Charlotte in July 1942, we had one son, and I was faced with a growing workload at the office." Consequently, radio as a hobby was all but forgotten until well after the end of the war.

Providing Communications for President Roosevelt's Railroad Train

"In the spring 1942, the Army Transportation Corps acquired from the B&O Railroad a combination passenger and baggage car (#1401) that we equipped with HF and VHF equipment and antennas. The antennas were a particular problem because railroad regulations required protection from overhead wires on electrified railroad lines. Our solution was to encase the antennas in Bakelite pipe supported by HV glass insulators with mounting fixtures for attaching to the roof of the car. I did a lot of the work myself while car 1401 was parked on a siding in Baltimore."

"In September 1942, the President made a tour of defense plants to boost morale and see first-hand what was going on in the war effort. Car 1401 was attached to his train, and I was the CW operator for the trip. We traveled about 9000 miles in two weeks. The receivers were a Hammarlund Super Pro and a BC-342 tactical receiver. The 342 was mounted on vehicular shock mounts, assuming the vibrations on a train and in a vehicle would have similar vibration patterns. Not so! The BC-342 practically jumped off the desk until we removed the shock mount and hard-mounted the receiver."

Providing Trunk Communications for General Eisenhower in North Africa

"The Allies invaded North Africa in the fall of 1942 and established Allied Force headquarters (AFHQ) in Algiers with General Eisenhower in command. Needed was a trunk-line system extending eastward from AFHQ so that Eisenhower could communicate with AFHQ no matter where he was."

"The mission was deemed so important that the team and the equipment were not to be separated, and so we and 30 large crates were scheduled out of Brooklyn Navy Yard on the SS Santa Maria. We left January 14th and, as we got out into open water, found that we were one of 18 vessels, with an escort of a battleship, a cruiser, and about ten destroyers. One group went south with the American escort, and our group went on with a smaller escort of 6 corvettes and 2 English destroyers. Our final destination was Algiers."

"On January 31, we boarded a C-47 and flew to Algiers at low altitude as the C-47 was unarmed, and Italian fighters patrolled the coast. My work alternated between installing vehicular equipment and modifying British teletypewriter equipment for multi-link operation. After the equipment was operational and the forward terminals were in place, I operated the terminal machine at AFHQ from about noon

until 10 pm daily. We experienced a number of air raids, as Algiers was the principal supply port for NATO. The anti-aircraft defenses were massive, consisting of 90- and 12-mm cannon and multiple rocket launchers ('egg crates')."

"I received a Commendation for Meritorious Civilian Service for the North African operation."

Planning for the Signal Corps Future

Upon returning from North Africa, "I was assigned to the Radio Section of the Communications Branch in the R&D Division. Life settled down to a relatively routine existence supervising R&D projects, budgeting, securing authority for service tests, ..."

"At the end of WW II, the radio relay lineup consisted of the VHF AN/TRC-1/3/4 series, UHF AN/TRC-5 and AN/TRC-8, -11, and -12, and SHF AN/TRC-6. Many technological advances had been made since these were designed in the early 1940s, and I became involved in working out an ambitious R&D program for newer equipment."

"I was one of several Army members on the Joint Army-Navy Committee to agree on design and procurement specifications for a single VHF installation for Army and Navy aircraft, but the matter was never fully resolved. The Army had been committed to RCA for such equipment since the beginning of WW II, and the Navy used Collins equipment. Neither was willing to give way to the other."

"During the war there was a high-level civilian advisory group — the *National Defense Research Committee (NDRC)* — the purpose of which was to provide the best scientific and industrial brainpower for the war effort. It was continued after the war reporting directly to the newly created DOD as the *Research and Development Board*. I was the Army representative to a couple of the groups, notably the *Panel on Antennas and Propagation*. In this group I met such notables as Prof. Henry Booker of Cornell, Prof. Andy Longacre of the U. of Illinois, Prof. Ed Jordan of Ohio State, Dr. Lester Van Atta of NRL and Phil Carter and Harold Beverage of RCA."

"In 1947, the first post-war *World Administrative Radio Conference (WARC)* of the ITU took place in Atlantic City, NJ. The Conference was primarily to extend frequency allocations far above their pre-war limit of 300 MHz. The military worked behind the scenes to see that new service allocations did not unduly compromise the use of new military equipment. I did some support work for the US participants in the conference."

"One consequence was that I was designated a Department of the Army representative on the *Frequency Allocation Panel*

of the *Joint Communication Electronics Committee*."

Jack rises as a Civilian in the Signal Corps

"In 1953, I became Chief Engineer, Radar Section of the Communications Branch. Army "think tanks" were studying this air defense problem: In case of a saturation attack, how is available anti-aircraft fire distributed to optimize the defense? How does one protect friendly aircraft as they approach and enter the target area? These studies envisaged a fire-direction system with radar displays of friendly and hostile aircraft from which controllers could direct missile fire on the closest hostiles, avoid engaging friendlies, and optimize the defense. The Signal Corps embarked on the development of fire direction systems, and I became the program manager."

"The overall ground-to-air defense complex became a bone of contention between the Army and the Air Force concerning the protection of friendly aircraft. This and other aspects of the air defense program led to my participation in numerous briefings to the Army General Staff and comparable individuals in the USAF. The Signal Corps R&D program led to the installation of the first fire direction system — called Missile Master — to coordinate the fire of the 20 NIKE missile batteries surrounding the Washington - Baltimore area."

"In 1957, I was made Assistant Chief of the Electronics Branch which added direction finding, countermeasures, and counter-countermeasures equipment to my responsibilities."

"In May 1960, I became Chief of the Air Defense and Countermeasures Branch and received a Dept. of the Army decoration for Meritorious Civilian Service."

"In February 1962, I became Chief of the Communications Branch, but my aspirations for a GS-16 were stymied by my lack of a college education, so I began to look for another position outside DoD."

Next in the Series:

Part III: Jack joins NASA and becomes an Active Amateur Radio Operator again

Jack joined NASA in 1962 just as the exploration of the use of Earth-orbiting satellites for communications was beginning. He held the position of Chief, Communications Satellite operations in the Office of Applications. After his retirement in 1969, Jack continued as a spectrum management consultant on a contract basis working for, among others, the Public Broadcasting System (PBS). He also discovered Ten-Tec equipment and became active in SOWP and QCWA.

Prepared by Dick Rucker, KM4ML

Member Supplies

Certificates

- ◆ Membership Certificates are numbered in serial order and are issued to each member. Numbers are not reissued except to the same member to whom they were first issued.
- ◆ QCWA Gold Certificates celebrate the 50th anniversary of licensing. Issued without charge to eligible members upon proof of year of first license.
- ◆ Gold Certificates are issued in five-year increments; 55, 60, 65, 70 and 75-year certificates free of charge to eligible members.
- ◆ Fifty Year Continuous Licensing Gold Certificate available to eligible members. Requires submission of proof of continuous licensing. There is a \$5 fee for this certificate. Applications are available from QCWA Headquarters.
- ◆ QCWA Century Club Certificate is issued to QCWA members whose age, when added to their number of years as a QCWA member totals 100 or more. No charge for this certificate.

- ◆ Headquarters issues Meritorious Award Certificate upon request of any active QCWA chapters. One such award is authorized for each chapter each year. The award may be given to recognize unusual dedication to QCWA or amateur radio. No charge for the award.

Operating Awards

- ◆ The Activities Manager issues QCWA Operating Award Certificates to QCWA members. Proof of eligibility is required.
- ◆ QCWA Worked 50 States Awards are issued to QCWA members who have contacted members in each state of the union.
- ◆ QCWA Worked 100 Members Awards are issued to QCWA members who have contacted at least 100 QCWA members.
- ◆ QCWA Worked 60 Chapters Awards are issued to QCWA members who have contacted members of 60 chapters.
- ◆ QCWA Worked 500 Members Awards are issued to QCWA members who have contacted 500 QCWA members.

QCWA Lapel Pins

- ◆ Without year tags, tic-tack, safety pin or screw type. Plain pins (no year) -\$10
- ◆ With year tags (clutch-type only). Specify year; 25, 30, 35, 40, 45, 50, 55, 60, 65, 70 or 75 -\$15
- ◆ QCWA Life Member pin -\$5

Other Member Supplies

- ◆ QCWA Embroidered emblem -\$5
- ◆ 450 QCWA Red Stamps (regular) -\$3 450
- ◆ QCWA Gold Stamps (life) -\$3
- ◆ 400 QCWA Yellow Stamps (50 Year) -\$3
- ◆ QCWA Cap with logo -\$15
- ◆ QCWA Chapter Banner -\$200
- ◆ QCWA Decals -\$1
- ◆ QCWA QSL cards - (see ad elsewhere)

**Please send your order to
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We accept orders charged to credit cards.

Results - 46th Annual QCWA QSO Party

October 5 and 6, 2002

	Call	Name	Chapter	QSO's	Multi	Total
1	N6CMF	Phil	130	150	46	6900
2	KJ9N	Alan	128	91	54	4914
3	W4YE	Buddy	202	114	42	4788
4	VE3BNO	George	70	99	41	4059
5	W9FHW	Herm	76	74	45	3330
6	K2SSE	Al	173	88	36	3168
7	W3AWV	Al	91	86	35	3010
8	W5GVP	Tom	72	55	46	2530
9	W7HUY	Dick	168	63	38	2394
10	DJ5GG	Guenther	106	83	28	2324
11	VE3XK	Doug	70	67	32	2144
12	W5KL	Leland	AR	80	25	2000
13	W0HXL	Dick	210	48	40	1920
14	W3UHP	Ernest	6	66	28	1848
15	N6SL	BJ	109	56	31	1736
16	KC2Q	Mike	138	61	19	1159
17	W2VEX	Norm	65	42	20	840
18	W3FYK	Bill	17	36	20	720
19	K4JM	Tom	VA	38	18	684
20	K8VFR	Rose Marie	MI	32	16	512
21	AB2N	Arnold	138	32	13	416
22	WA8MWA	Carolyn	120	24	14	336
23	W4KOG	Bob	111	20	15	300
24	W8KYD	Ron	1	24	12	288
25	K3QC	Tad	196	19	14	266
26	K6KJK	Don	130	29	9	261
27	W0YQY	Don	210	16	16	256
28	W0WLN	Bob	162	17	15	255
29	W9NVK	Ed	162	14	18	252
30	W3SVJ	Nathan	6	16	14	224
31	K6SS	Len	130	22	9	198
32	W6HV	Troy	130	24	7	168
33	K4AXB	Charles	45	14	11	154
34	W4LVZ	Gerald	45	12	12	144
35	WA9JMO	Larry	162	11	12	132
36	W0ODD	Ed	KS	14	9	126
37	HB9MX	Kurt	Switzerland	13	9	117
38	HB9BOU	Herb	209	13	8	104
39	N2GT	Sterling	138	14	6	84
40	W9HR	Al	162	12	6	72
41	W6HG	Hugh	130	13	5	65
42	VE3DHL	Keith	73	6	10	60
43	W2OD	Bob	138	8	7	56
44	K4IJK	Janice	112	9	6	54
45	K0RY	Harvey	110	10	5	50
46	W2KOG	Al	138	4	10	40
47	HB9ACA	Manfried	209	5	4	20
48	K3JHT	John	PA	6	3	18
49	W4AGI	Victor	202	6	3	18
50	HB9BQP	Eugen	209	8	2	16
51	W8QM	Cliff	10	4	4	16
52	WB2CJE	Harold	138	3	5	15
53	HB9RS	Max	209	4	3	12
54	W9KI	Howard	MO	2	6	12
55	W3OQJ	RV	5	5	2	10
56	W6TCY	Bill	130	2	1	2
57	W1DLP	Paul	45	1	1	1
58	W9HZC	Dar	210	1	1	1

Rules for the 47th Annual QCWA QSO Parties

QCWA cordially invites all to participate in the 2003 QSO parties. All licensed Radio Amateurs worldwide are invited.

Time/Dates: Two parties will be held in 2003. The first one shall commence on **05 Apr 2003 at 1900 Hrs UTC** and the second one shall commence on **04 Oct 2003 at 1800 Hrs UTC**. Each will run for a **period of 24 Hours**. Both CW and Phone modes may be used.

Frequencies: The following 15 Bands may be used:-

1.8: 1.800 - 2.000	14.0: 14.000 - 14.150	28.3: 28.3 - 29.7
3.5: 3.500 - 3.750	14.2: 14.150 - 14.350	50: 50.0 - 54.0
3.9: 3.750 - 4.000	21.0: 21.000 - 21.200	144: 144.0 - 148.0
7.0: 7.000 - 7.150	21.2: 21.200 - 21.450	220: 220.0 - 225.0
7.2: 7.150 - 7.300	28.0: 28.000 - 28.300	UHF: above 420 MHz

Any station may be contacted on any or all of the 15 bands for a maximum of 15 QSO's per station, with no more than one QSO per Band. Any station in your home QCWA chapter may be counted only once, for a maximum of one QSO per station. No contacts on WARC bands are permitted (10, 18 and 24 Mhz Bands). No Cross Band or Repeater Contacts are allowed.

Suggested Starting Frequencies:

CW: 1.810: 3.540: 7.035: 14.040: 21.050: 28.050

Phone: 1.910: 3.890: 7.244: 14.262: 21.365: 28.325

Calling (CW or Phone): CQ QCWA

Information Exchange: Fill Columns on the Log Form. For the "year" column, indicate the last 2 digits of the year the station operator was first licensed. If the contacted station does **not** belong to a QCWA chapter, show only the State, Province or Country of its location. The latter would apply to Non QCWA members as well as to QCWA members who are not affiliated with a local chapter. **Do Not mention the term "At Large" (AL) as was done several years ago, as this can be confused with AL for Alabama.** For Band info, simply indicate one of the above 15 Bands in the "band" column.

Scoring: Each Phone QSO is worth **one contact point**. Each CW QSO or other Digital Mode QSO such as RTTY, PSK31, MFSK etc. is worth **2 contact points** (show 2 points in the QSO Points Column on the Log). A **Multiplier of one point** is given for each QCWA Chapter worked and for each State, Province or Country reported from stations not belonging to a QCWA Chapter. A total of **only one** multiplier point will be given for each State, Province or Country. A **Multiplier of 3 points** will be given on each of the 15 Bands for working our Special Events Station **W2MM**. It is hoped to have this station active throughout the two parties. Stations within 50 miles (80 Kms) of W2MM, may work W2MM only once for a total multiplier of 3 points. For the year 2003, the station will operate in the vicinity of Chapter 41 Headquarters in Dallas TX, site of the 2003 Convention.

Sample logs and a summary sheet may be requested from QCWA Headquarters with an SASE.
Address is 159 East 16th Ave., Eugene OR 97401-4017.

Contacts with QCWA Memorial Station W2MM count as **THREE MULTIPLIERS** on each of the 15 bands. **Note:** W2MM will be operated by one of our local chapters. Members of that chapter, and non-chapter Members within 50 miles (80 kms) will be permitted to work W2MM only once for a total of 3 Multiplier points.

Awards:

Certificates will be issued for the top 3 World Scores.

A certificate will be issued for the top score in each participating Country.

Summary Paragraph: In order to assist the log checker, please include, along with your logs, a Summary Paragraph as shown below.

QSO's	Contact Points
CW Contacts _____	x 2 = _____
Phone Contacts _____	x 1 = _____
Total Contact Points	= _____ (A)
Multipliers	= _____ (B)
Total Score = A x B	= _____

Send Logs to: WØHXL, Dick Newsome, 2924 North 48th Street, OMAHA NE 68104-3726, U.S.A.

2003 QSO PARTY

Name	Call	Final Score	
Address			
Chapter #	Novice (Yes/No)	QCWA (Yes/No)	QCWA Member #



Gen. Manager's Report

Jim Walsh, W7LVN

The weather has probably turned for the better and ham festivities have started again across the country. As I write this in December, snow blankets the mid west into the eastern part of the country and our here, on the left hand side of the country, we have had one bad storm after another with winds and rain.

The first of the hamfests, here, start in February and it is fun to see old friends and make some new ones in the process. There are a lot of potential members out there and these get-togethers are one place to meet them and ask them to join QCWA. Remember, you have to ask them; it shouldn't be the other way around. For you Chapters out there, we have some "CARE" packages just waiting to be shipped to you so that you can have all the supplies to handle a hamfest.

Check out the material advertising the QCWA Convention in Texas, this year. Also, read the new material about the Endowment bonds which can now be issued.

A new item on the home page at 'qcwa.org' for you to discover. One of our members called our attention to the 'fillable' .pdf file and with some investigation; we now have the Domestic, Canadian and the Foreign QCWA applications on the home page. You can download them and fill them in with your computer. What an aid to be able to complete the application so easily.

If you haven't gone to the home page, try it out, we have a new webmaster and he has developed some new approaches that I am sure you will like.

Jim, W7LVN

QCWA Directories Available
The QCWA 2002 Directories are available
on CD ROM from headquarters.

Only \$10.00

Contact

Jim Walsh
159 E. 16th Ave.
Eugene, OR 97401-4017
Telephone: 541-683-4181

Memorial Scholarship Fund Donations

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Chapter # 12	W4DL
Chapter # 64	W5UKY
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Seymour Wenby	W2CRT
Chapter # 41	NN5K & W5YYC
Chapter # 32	K8RG
Chapter # 32	W4ZFD
Chapter # 45	K5RVF
Chapter # 51	AC5WB
Chapter # 38	
Gary Harrison	
Chapter # 112	W1ABE, W1JCI, K1LII & W1RCJ
John G. Nauman	W9NN

The Radioman

Zero Beat

By V. Fletcher Nipper WØQVK

The following article details Mr. Nipper's experience as a radioman in the Navy during WWII. The radioman referred to in the story is the author himself.

The radioman had been transferred to the vessel, newly commissioned in August 1944 and ready for sea. The vessel was designed and built primarily to be a communication ship with the intent of having a staff of Army and Marine Corps communication officers in addition to the Naval officers of the ship's company as part of the communication group. Experience had shown lack of proper coordination of communication among the military services had been a serious problem during past troop landings in the Pacific theater of operations. A team composed of communication officers from all the services involved during the critical landing operations was a step towards correcting the problem.

On an August day of that year the vessel got underway from the New Jersey ship yard for the canal (Panama Canal) and thence to the Pearl Harbor Naval Base. The trip to the canal was uneventful except for the ship going dead in the water for almost a day in the Caribbean Sea, before continuing on to Cristobal, Colon, the Atlantic entrance to the canal. Going through the canal took about a day, then the ship docked for the night at Balboa, the Pacific entrance to the canal. The next day the ship sailed for Pearl Harbor.

After a day or two at sea the commander of the vessel wanted to inform the naval base at Pearl Harbor his time of arrival and wanted a message sent containing that information. The message was given to the ship's radio room about 8:00 AM at the beginning of the morning watch to be transmitted immediately to NPH, the naval radio station at Pearl Harbor. No such luck! Repeated calls by the ship's radio operators during the morning watch brought no results. The afternoon watch came on duty at noon, ship's time, and the radiomen on that watch spent the next four hours calling radio station NPH with no results. Then at four in the afternoon the next watch came on duty, among them was the radioman. It was obvious when the watch changed something was drastically amiss. The radioman, who was to be in charge of the watch for the next four hours asked the Chief Warrant Radio Officer, what was happening.. He replied that in calling radio station NPH for the last eight hours no response had been received from them. The radioman immediately told the officer that he could send the message. The radioman, had held an Amateur Radio License for several years prior to entering the navy and his confidence was based upon knowing the navy frequency standards equipment were never seemed to be calibrated correctly. He had been up against the problem a year or so before on the other side of the Atlantic in North Africa. The radioman's answer to this situation, without telling the officer, was to zero beat the signal from NPH to the ship's radio transmitter. The officer, an older man, at wit's end, and in the midst of several army and marine corps officers who were wondering why the message could not be sent, lost con-

trol, grabbed the cap off his head and threw it to the deck in disgust and shouted to the radioman, "go ahead."

In order to zero beat one frequency against another the two frequencies are brought together by changing one or the other to match the other until a null or no signal is heard, then the two frequencies are one and the same. This is what the radioman had in mind. The radioman, from his previous amateur radio operating experience and interest during high school days was entirely familiar with the procedure.

The radioman went to one of the many operating positions in the radio room, tuned in NPH, and zero beat his receiver to NPH. He then telephoned the radio transmitter room aft and asked the radio technician to slowly adjust the transmitter frequency for a zero beat to his receiver. That accomplished, the radioman called NPH, the naval radio station at Pearl Harbor and NPH responded immediately. The radioman proceeded to send the message to the chagrin of the Chief Warrant Radio Officer. The radioman quickly called NBA, the naval radio station in the Canal Zone and asked for a signal report. Loud and clear. He then called the naval radio station at San Diego and received the same report of loud and clear. By doing that, he was needling the Warrant Officer with whom he was not on the best of terms anyway. The entire procedure did not take more than four or five minutes. Needless to say this did not enhance the radioman's position with the Chief Warrant Officer.

The vessel finally arrived at the Pearl Harbor naval base and docked there. Instead of going on to the Pacific theater of operations the ship had to remain at the naval base for redoing previous work in order to make it more fit for extended sea duty. The radioman was later transferred to a shore based station in the U.S. and spent the better part of the following year with a group in preparation for the contemplated assault on the Japanese Islands.

QCWA HISTORICAL MATERIAL WANTED

It is important that we preserve any or all material pertaining to the history of the QCWA for posterity. If you have items to contribute to the historical record of the QCWA organization, please contact:

Historian Wesley Randles, W4COW
44 Western Lane
Amherst, MA 01002

e-mail: w4gxz4@juno.com



The Rules Say...



John B. Johnston, W3BE, 17701 Bowie Mill Road, Derwood, MD 20855-1608

This column is devoted to answering QCWA members' questions about the current USA regulations for the amateur radio service. Part 97 of the FCC rules is contained in the document Title 47 — Telecommunications - Code of Federal Regulations Parts 80 to End. A copy may be purchased from the Government Printing Office or downloaded from http://www.access.gpo.gov/nara/cfr/waisidx_00/47cfr97_00.html. The current version is dated October, 2000. Questions, call signs and incidents mentioned herein are for explanatory purposes only.

Here are the answers to your questions about the FCC rules for the amateur service. Most of these rules are codified in Part 97. See the document Title 47 — Telecommunications - Code of Federal Regulations Parts 80 to End. It can be downloaded starting at www.fcc.gov. You can also obtain the exact wording of a specific rule by using the FCC search engine. Questions, call signs and incidents mentioned in this column are for explanatory purposes only.

A W3BE-O-GRAM is an opinion of the author.

Third party communications

Some of our most often asked questions are about those mysterious third party communications provisions in our rules. This may be because it sometimes appears that a non-ham — under those third party provisions — is getting away with doing the very things for which we hams had to pass a test in order to be able to do. So, what's going on here?

Here are the answers to your questions on this topic.

Q. What is third party communications?

A. First, consider the two-way communications for which we usually use our amateur stations. It could be just as well be called two-party communications. The control operator at one station (party one) sends a message to the control operator of the receiving station (party two). Then the roles are reversed for the reply message.

The term "third party communications" is defined in Section 97.3(a)(46). It is a message from the control operator (first party) of an amateur station to another amateur station control operator (second party) on behalf of another person (third party).

Q. Would you please explain just what that all means?

A. Let's sneak up on it using the way I explained the concept recently to a class of people training to become amateur operators. They seemed to get it. The progression from the simple beginning of third party communications to the complex present was traced as follows:

It was almost a century ago when the second ham in this area was able get an amateur station on the air and make radio contact with the first such ham. They likely exchanged their first name, signal report and QTH information, not unlike we do today. It was by telegraphy, of course, with the signal probably sounding like an irritating buzzing noise. But it was radio! Imagine, messages from all the way across town without wires! It must have caused quite a stir in the neighborhood.

It could well have happened that a neighbor of ham Number 1 said. "Hey! I know that ham with whom you're communicating. Please send my greetings to him." So, when ham number 1 sent the neighbor's message to ham number 2, the first ever third party communication by amateur radio in our area took place.

The message was tapped out on a telegraph key and probably read something like, "My neighbor, Joe, says 'Hello!'" Today, although our technology has come a long way, the fundamental idea is still the same.

Under some of today's amateur radio systems, third party communications can appear to be complex. But the basic concept still holds. To figure out who is a third party in one of these systems, determine exactly who is party one and who is party two. Everyone else is a third party.

Q. When the person for whom the message is being transmitted happens to also be an amateur operator, is that person still a third party?

A. Yes. The same person can be either the first party or the third party, but not both at the same time. To be the first party, the person must meet the requirements, under Section 97.7, to serve as a control operator of an amateur station. That means the person must hold an amateur operator license grant.

To be a third party, on the other hand, it is immaterial whether or not the person holds an amateur service license. The FCC does not regulate third parties.

Q. Is it also third party communications when the control operator at one station sends a message intended to be passed on to someone else by the control operator at the second station?

A. Yes, it is. Not only that, but it is still third party communications when there is a third party at each end. There is no such thing as a fourth party. The control operator (first party) sends a message for a third party on the originating end to the control operator on the receiving end (second party) intended to be passed on to the other third party. There are, in this case, two third parties.

Q. Can the third party speak the message into the station microphone?

A. Yes, if that is acceptable to the control operator of the transmitting station. Section 97.115(b) says that the third party may participate in stating the message where two conditions are met.

First, the control operator must be present and be continuously monitoring and supervising the third party's participation.

Secondly, the person must be eligible to participate as a third party.

Q. Huh? You mean there are persons that I cannot allow to participate as a third party at my station?

A. You got that right. Section 97.115(b) says that your third party must not be a prior amateur service licensee whose license was revoked; suspended for less than the balance of the license term and the suspension is still in effect; suspended for the balance of the

license term and re-licensing has not taken place; or surrendered for cancellation following notice of revocation, suspension of monetary forfeiture proceedings. Also, your third party may not be the subject of a cease and desist order that relates to amateur service operation and that is still in effect.

Q. Can the third party speak my station identification announcement?

A. Yes, again if that is acceptable to the control operator of the transmitting station. There is no rule that limits the voice speaking the station identification announcement to that of the station control operator. Section 97.119(a) says that an amateur station must transmit its assigned call sign, but does not specify the how-to.

Q. Can the third party call "CQ"?

A. Yes, again if that is acceptable to the control operator of the transmitting station. That may not be a good idea where there is a chance that a station answering the CQ is in one of the countries with which the U.S. does not have an agreement allowing third party communication by amateur radio. If the third party responds, the control operator – not the third party – will have violated Section 97.115(a)(2).

Q. Can the third party operate the keyboard on my PSK-31 station?

A. Yes, if that is acceptable to the control operator of the transmitting station. There are no limitations on the types of emission being used in third party participation. The control operator could permit the third party to operate the video camera or to manipulate the telephony key.

W3BE-O-GRAM: Frankly, it may not be such a great idea for the control operator to be unnecessarily accommodating to third party participants. Such activity could help erode the argument that skill and knowledge are required to operate properly an amateur station.

Q. Is it legal for the third party to speak into the microphone and cause the VOX to key on my transmitter?

A. Yes, if that is acceptable to the control operator of

the transmitting station. By now you should have picked up a pattern from the above questions. They are “how-to” questions for which only the control operator of the station can determine the correct answers according to the immediate situation at hand. Section 97.105(a) says the control operator must ensure the immediate proper operation of the station.

Q. Could my XYL, who is not a ham, use my mobile rig to summons help should our car be involved in a collision wherein I become unconscious?

A. If the situation is truly such that there is a valid concern for the immediate safety of your life and there is no normal communication system available to use for requesting aid, Section 97.403 would apply. It says that no provision of the rules prevents the use of an amateur station of any means of radio communications at its disposal to provide essential communications needs in connection with the immediate safety of human life and immediate protection of property when normal communications are not available. This rule, in effect, would protect her against charges of unlicensed operation of a transmitting station.

Short of that dire situation, it is clear that she cannot be the control operator of an amateur station. Section 97.7 says that, when transmitting, each amateur station must have a control operator and that control operator must be a person who is authorized to be an amateur radio operator.

Neither would she qualify to participate as a third party in stating the message under Section 97.115(b), as discussed above. After all, you are unconscious. No one is going to believe that while in such a condition you could really continuously monitor and supervise her participation.

W3BE-O-GRAM: *Given today's road traffic hazards, you would be very wise to equip your vehicle with the most reliable communication system available in the areas where you travel. That is probably going to be a cellular telephone. I carry one in order to get adequate coverage in the remote area along the eastern shore of the Chesapeake Bay where I often ride my bicycle alone.*

If, however, you must rely on amateur radio for this

type of protection, you should encourage your XYL to seriously consider obtaining at least a Technician Class operator license grant. For the type of emergency that you describe, a two-meter or 70-centimeter transceiver might be your best bet in an urban setting.

Q. To which stations may my amateur station transmit messages for a third party?

A. Section 97.115(a) says that an amateur station may transmit messages for a third party to (1) any station within the jurisdiction of the United States and (2) any station within the jurisdiction of any foreign government whose administration has made arrangements with the United States to allow amateur stations to be used for transmitting international communications on behalf of third parties.

Note that “any station within the jurisdiction of the United States” makes it possible for us to send third party messages to certain places where the FCC does not regulate communications, but where there is a U.S. presence, such as our installations in the Antarctic.

Q. Where can I find the list of countries with which there is a third party arrangement with the United States?

A. Access the FCC web site, click on the Wireless Telecommunications Bureau. Under the Wireless Services heading, click on Amateur. Then, from the Amateur Home, click on International Arrangements.

At this writing, the following countries have made the necessary arrangements with the United States: Antigua and Barbuda, Argentina, Australia, Belize, Bolivia, Bosnia-Herzegovina, Brazil, Canada, Chile, Colombia, Federal Islamic Republic of Comoros, Costa Rica, Cuba, Dominica, Dominican Republic, Ecuador, El Salvador, The Gambia, Ghana, Grenada, Guatemala, Guyana, Haiti, Honduras, Israel, Jamaica, Jordan, Liberia, Republic of the Marshall Islands, Mexico, Federated States of Micronesia, Nicaragua, Panama, Paraguay, Peru, Philippines, St. Christopher and Nevis, St. Lucia, St. Vincent and the Grenadines, Sierra Leone, South Africa, Swaziland, Trinidad and Tobago, Turkey, United Kingdom (special event stations with call sign prefix “GB” followed by a number other than 3), Uruguay and Venezuela.

The United Nations has made arrangements with the U.S. to permit an amateur station regulated by the FCC to exchange messages for a third party with amateur station 4U1ITU in Geneva, Switzerland and 4U1VIC in Vienna, Austria.

Before engaging in international third party communications, be certain to check the FCC web site frequently as the list is subject to change.

Q. Is there some way in which my station can legally transmit a message for my friend to a station in a country with which the U.S. does not have a third party arrangement.

A. There is a very narrow loophole at the very end of Section 97.115(a). It says, in effect, that the prohibition against transmitting messages for a third party to a station within the jurisdiction of a foreign government that does not have a third party arrangement with the U.S. does not apply to a message for a third party who is eligible to be the control operator of the station.

That is just about enough wiggle room for you to tell that DX station that your good friend wants a sked on another band.

Q. Are there special restrictions on the types of messages that my station can transmit for a third party?

A. No, there isn't. The same types of communications authorized by Section 97.111 may be transmitted for a third party and the same types of communications prohibited by Section 97.113 also must not be transmitted for a third party.

Note, however, Section 97.117 applies to all of our international communications, two-party or third party. It says that transmissions to a different country, where permitted, shall be made in plain language and shall be limited to messages of a technical nature relating to tests and to remarks of a personal character for which,

by reason of their unimportance, recourse to the public telecommunications service is not justified. Remember hearing the plea for a clear channel to conduct "important international phone patch traffic"? Now, there was an oxymoron! In effect, the request was for everyone to standby while the station sent important unimportant messages.

APPRECIATION

Thanks to everyone who submitted a question or comment for this column.

If you have a question about the FCC rules for the amateur service that would be of general interest to our readers, e-mail to John@Johnston.net or postal mail to the byline address.

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Chapter Reports are a very important part of the Journal and we would like to see regular reports from all chapters. If your chapter is not represented on these pages, please ask your secretary to file a special report for the Journal. Please send the reports to General Manager, Jim Walsh, to arrive no later than the following dates: July 1, October 1, January 1, and April 1.

Chapter 1, Cleveland

Our October 12th chapter meeting was held as usual at Dimitri's Restaurant in Cleveland. And as usual this Fall meeting was devoted almost entirely to awards, both QCWA and Chapter 1. Dick Ingraham, WA8TPP, our chapter president made the following presentations: Amateur of the Year (Plaque) - Robert Winston, W2THU President's Award (Plaque) - George Misic, KE8RN QCWA Meritorious Award Certificate - Raymond Wassum, W8SLZ 55-Year QCWA Gold Certificate - Fred Collins, W8ADW 70-Year QCWA Gold Certificate - Ralph Turner, W8HXC 70-Year QCWA Gold Certificate - W. W. Waite, W8GDQ QCWA Century Club Certificate - John Pristash, WR8G QCWA Century Club Certificate - Albert Wilde, W8JZZ QCWA Century Club Certificate - Andrew Doles, W8UDG Cleveland Chapter 1 Dedicated Service as Net Control Operator

Certificate - Craig Kollai, N8ZT Cleveland Chapter 1 Dedicated Service Certificate - Barbara Misic Cleveland Chapter 1 Dedicated Service Certificate - Beth Colbert Paul Poling, K8CKG, our local secretary, reported a new QCWA and Chapter 1 member. He is: Charles E. Ring, Jr., W3NU Welcome and congratulations, OM! Former chapter president and present editor of our chapter newsletter, Bernie Hinrichsen, W2NTB, fell while visiting a neighbor. Rushed to a hospital, doctors discovered that he had several fractures to his right hip. After surgery, Bernie underwent six weeks of therapy and he is now as good as new. Best wishes, OM! Bob Winston: "I wish to thank all of you for selecting me as the QCWA Chapter 1 Amateur of the Year. This is my first award from the ham radio community and I am very proud of it. . ." Steve Martinovich, W8NZD, our former net control operator, is slightly under the weather these days. We wish Steve a speedy recovery! Here's hoping you too had a very Merry Christmas or Chanukah. Best wishes for a Happy New Year 2003 to all members of QCWA!

Joseph Zelle W8FAZ

Chapter 2, Chicago Area

President Jim Quinn, K9JQ, opened the meeting at 6:30 PM.

Those in attendance were: Carol Sparacio, Hania Quinn Smerch, Theresa Bertrameli, Melissa Beltrameli, Jean Cone, Richard Giers, Joellyn Bohlmen, K9IKZ, Ron Steinberg K9JQ, Jim and Mary

Lou Quinn KA9DYP, Jim Phillips KA9OBZ, Gary Schneier KC9IBY, Rita Quinn W9BUB, Gil and Rose Kowols W9ETW, Bud Kloepfer W9GG, Roger Wayman W9GVA, Howard Wayman W9IPO, Ed Webb and Fran W9LOB, Al Mazure and Lillian Mazure W9MFY, Jere Quinn, Jr. W9MOL, Lee Knirko W9TUD, Phil Herman W9ULX, Ernest Czosek WA9E, Roberto Beltrameli WA9EVF, Mike Leibovitz WA9FTS, Mike Brost WB9DJ, Paul Bovaconti

During the wait for the meal, Jim Quinn welcomed the members, their guests and the non-members. He started the program by having all introduce themselves to the assembly. Lee Knirko W9MOL, gave a brief rundown on the tower case in Park Ridge. The hearing for the ham's conditional use permit was the previous night and Lee and Gil Kowols W9BUB, were listed as already having towers and might just expect some TVI complaints after some of the emotional testimony by citizens.



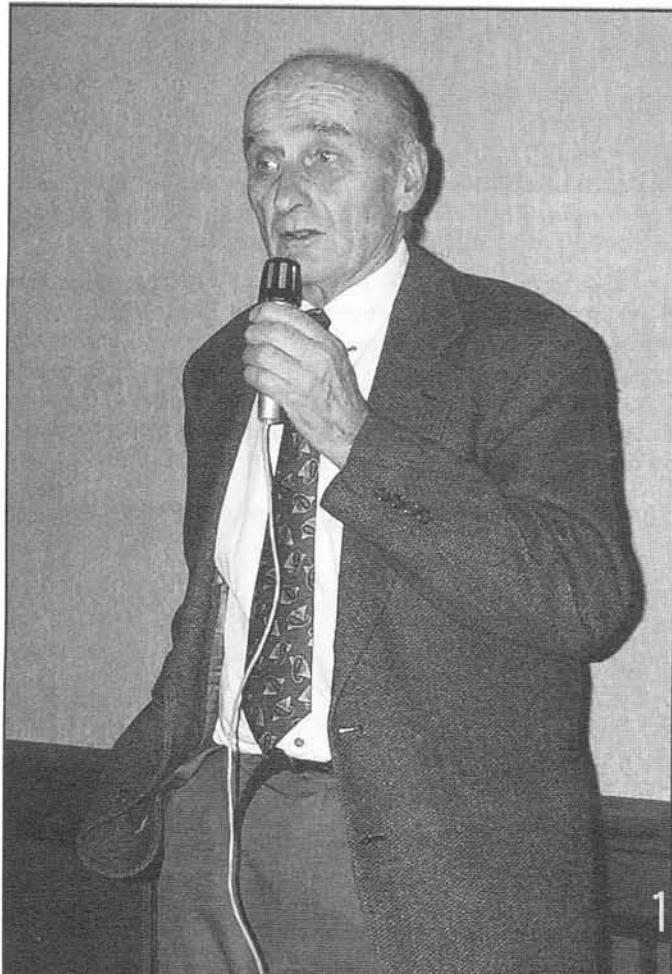
Nominating Committee Lee Knirko, W9MOL reporting on Board and Officers nominations.

President Jim Quinn, K9JQ, gave his report. He mentioned the recent loss of 2 members, Ed Dervishian W9VSU and Lou Williams W9GSB. Both members were very active in QCWA Chapter #2, and their presence will be missed.

Then Treasurer K9JQ reported that we were in the black.

Gil, W9BUB, Chapter Secretary, reported that as has been Chapter policy, hams who join the National are listed in the Journal, are solicited for membership in the local Chapter. This quarter, 4 people were sent, letters but so far, no response. (NOTE: Afterwards, Roberto Beltramelli WA9E, introduced himself as one of the recipients of the letter. He joined the chapter. So I hope we see more of Roberto.)

The floor was then turned over to the Nominating Committee, namely Lee W9MOL. Lee indicated that the Chapter will be needing 2 or 3 new Board Members. So if anyone is interested in serving the Chapter, notify Lee. The election will be at the next meeting in January 2003.



Chapter President Jim Quinn, K9JQ, giving his presentation on real estate appraising.

Then dinner was served. The restaurant served its usual fine meal. Attendees had a choice of fish, chicken or beef. But it also includes salad (outstanding and all you can eat), soup, rolls, entrée, and dessert.

After dinner, Jim introduced the speaker for the evening, Jim Quinn K9JQ. Jim's presentation was on Real Estate appraisals, what they are, what they mean, how they are arrived at and how important they are.

Jim handed out some sample appraisals, showing how they were arrive at. He explained the 3 different methods that can be used to arrive at appraisals and what they represent.

It was a fascinating presentation, and really cleared up a lot of misconceptions. The many questions afterwards revealed how interesting the subject was. After the meeting was closed, Jim was still peppered with questions.

Thanks Jim, for a fine presentation.

The meeting closed at 9:30 PM.

Gil Kowols W9BUB - Secretary

Chapter 5, Delaware Valley

Delaware Valley Chapter 5 held the winter meeting on December 7, 2002 at the Town & Country Restaurant in Bordentown, NJ. Chairman Sid Deitz, W2FDE, opened the meeting at noon with a welcome to those present and a microphone was passed around so that each one could introduce themselves. The secretary was called upon to read the minutes of the last meeting, September 14th, and they were approved as read. The treasurer, Marv Foral W3QGC was not present and no report was available. The secretary reported that he had received a note from the XYL of W9QEK stating that her husband Maury Robertson had become a silent key on May 23, 2002. Maury and his wife Helen had been regular attendees of our quarterly meetings and their presence will be missed. He was in a Florida hospital when he died.

It was announced by the secretary that a new member had been accepted into the Chapter. He is John Hochreiter WA3KTZ, but he was not present to receive his membership certificate and card and they were mailed to him. John was the speaker at the September meeting. A different program was provided which was an organ concert by a local amateur, Gordon Gunzelman KC2ISY, He brought a very extensive amount of very good electronic equipment and provided some very good entertainment to the group. Gordon also gave a talk about the beginnings of organ music with the pipe or-



Left to right: Charley Davison K2DOV Vice Chairman, Sid Deitz W2FDE, Chairman, Dona Delamargio, our super waitress, and Don Field W2UAE, Secretary.

Chapter Reports



Organist Gordon Gunzelman KC2ISY during the concert. Gordon went to great lengths to bring and setup all this equipment.

gans and now the electronic organs and demonstrated the many sounds that can be produced by the equipment presently available. Gordon is the organist and choir director for two local churches. His occupation is as an organ service technician and his territory is rather extensive throughout the state of New Jersey and eastern Pennsylvania. He is also a very good electronic technician on ham equipment as well as other electronic devices. His concert included a number of Christmas songs and carols. His outstanding talent was much appreciated by all those present. There were 28 present.

Chapter 6, Pittsburgh

Pittsburgh's Chapter Six held its September meeting at Hoss's Steak House in Pleasant Hills, PA. Jack Parsons, K30TY, (our "temporary" president of almost five years duration!) presided over his final meeting. Jack opened the meeting with a moment of silence for Tony Gessler, W3YOP, who became a silent key earlier this year after an active life spanning more than 92 years. Tony was affectionately known as "the Golden Voice of Kennedy Township" and was quite active on the bands until his stroke slowed him down. A kind man who was well respected by all who knew him, Tony will be deeply missed.

As a tribute to Tony and the Chapter Six silent keys that preceded him, Jack, K30TY, moved that the chapter make a contribution to the QCWA Scholarship Fund. The membership approved and made the contribution in the names of: Tony Gessler W3YOP, Paul Hartmann W3KY, George Petshot K3EED, Bud Hunter W3JAV and Wait Bollinger AF3V. All of these men were products of and contributors to this wonderful hobby of ours. Gentlemen rest easy.

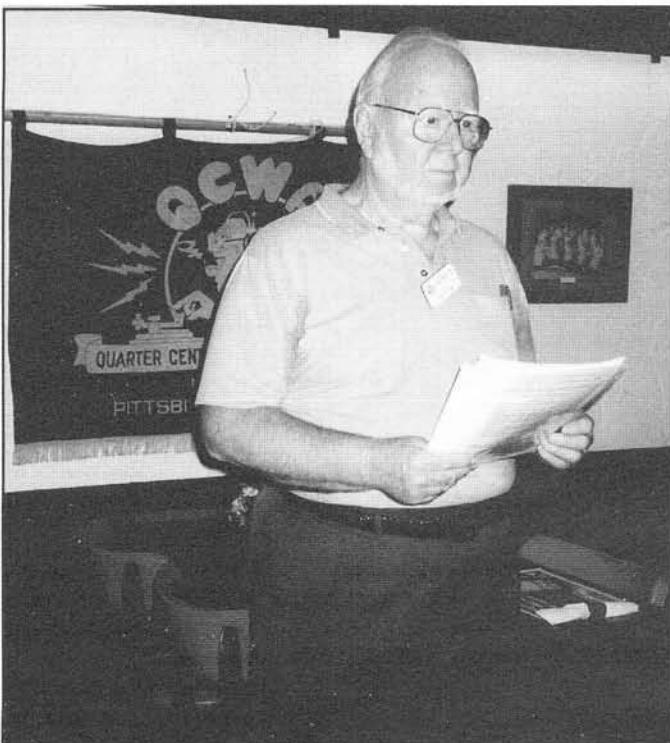
On the business side of the program, Chapter SIX has elected a new slate of officers. They are: President Roy Repp W3TZW, Secretary Ernie Baur W3UHP, and Treasurer Ed Yoder W3YMB. Congratulations were extended to Ed Yoder not only for his election as trea-

surer, but also his recent election to the QCWA Board of Directors. Along with incumbent Art Kunst W3WM, this brings to two the number of board members from Chapter Six. All of these men will be supported in their furthering Chapter Six and the QCWA.



Left to right: Ernie Baur W3UHP, Roy Repp W3TZW and Art Kunst W3WM after the installation of officers.

The remainder of the chapter business included the decision to run the organization on a September based fiscal year. This will allow a larger quorum for closing chapter business before our snowbird membership heads south for the winter. The chapter also elected to keep the annual dues at \$5. Following these agenda items, Chapter Six got down to socializing and break-



Chapter 6 President Jack Parsons K3OTY, presiding over his final meeting in Pittsburgh. Photo by Brian Roberts K9VKY.

ing of bread which is what we really do well. The next meeting will be on Saturday, November 23, and the succeeding meeting will be on the Saturday following Easter. All members and guests will be welcomed at Hoss's Restaurant in Pleasant Hills at noon.

Brian Roberts K9VKY - Acting Secretary

The Christmas party was held at Hoss's Steak and Sea House in Pleasant Hills on Saturday November 23rd with 17 members and guests attending. Director Art Kunst W3WM and his wife, Sylbia were our guests.

The highlight of the meeting was the installation of our newly elected President - Roy Repp W3TZW, Secretary - Ernie Baur W3UHP and Treasurer - Ed Yoder W3YMB. Director - Art Kunst, installed the officers. To make the Christmas party complete, members exchanged grab-bag gifts.

We also recognized our outgoing President, Jack Parsons K30TY for 4 plus years of service and Treasurer, Seth Ward, KC3YE.

For many years our meetings were held on Sundays but because of some dissatisfaction, we decided to meet on Saturdays, which seems to meet everyone's approval.

Our club owes a special thanks to Acting Secretary Brian Roberts, K9VKY who has diligently held the club together and writing articles for the QCWA Journal.

Ernest Baur W3UHP - Secretary

Chapter 10, Michigan

Now that winter has come to us here in Michigan we can look back on the warm summer months and think of things we were going to do but never got to. If the old saying "wait for bad weather to do antenna work" now is the time to get started. We are all looking forward to the first Saturday in May for our annual meeting and trip to Cadillac for the meeting and swap and shop. Our net is moving along in good shape each Sunday morning. Some of our members have fled to warmer climates and we look forward to their return in the spring.

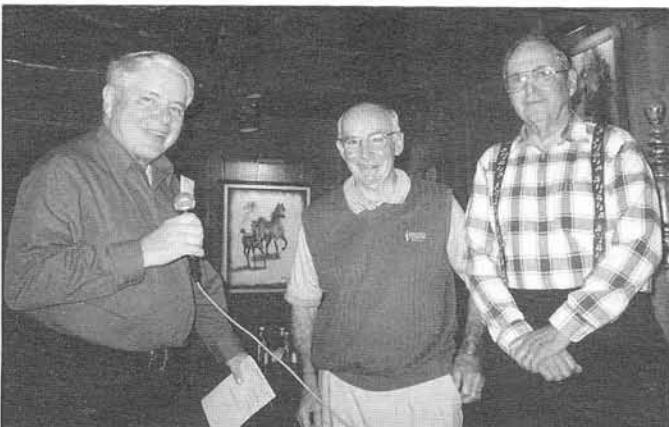
We lost a long time member and active net member a few months ago. Helen Schmock W8GJX became a silent key at the age of 93. Helen was a regular member of our net and we always looked forward to her cheery voice. Helen was licensed in 1929 and was still licensed at her death. She was the first YL to join QCWA. Helen was a radio operator on the boats on the Great Lakes many years ago. She wrote a series of children's books that were published. She was a beauty operator in the days that the ladies went to the beauty shop to get a marcel as it was called in those days. She wrote a book that was titled I Never Shot A Rabbit. She said this was true, as she never did. The last few years she was in a nursing home in Manistee Mich. and if you stopped in to see her she would tell you she was there to take care of the old people. Her memory of Amateur Radio had faded into the past and she no longer remembered her many friend she had made on the air. She was a top-notch CW operator and she is sorely missed on the bands.

We hope to see a lot of you in May at the meeting in Cadillac and joining us for lunch at the Waterfront restaurant. They always do a bang up job in feeding us with lots of good food at a reasonable price. Check the net on 3903 on Sunday morning at 8:00 am for later details.

Currin L.Skutt W8FSZ - Secretary

Chapter 16 Arizona

35 Members and guests attended the annual Holiday meeting at the Horny Toad Restaurant on December 7, 2002. President Tom Worthy W7YW passed the gavel to incoming President Ralph Barr WØDNO who then introduced Vice president Keith Hutton WA7JCK and Secretary-treasurer Gerry Higgins W7ES. Ralph then carried the mike around the room to introduce the



Left to right: Ralph Barr WØDNO - President, Gerry Higgins W7ES - Secretary/Treasurer and Keith Hutton WA7KCK.



The Riverboat Strummers, a banjo band led by Bob Menefee AA7QJ, entertained us.

members and their guests. Ken Hopper KD7KH then gave an inspiring invocation mentioning Silent Keys and Pearl Harbor. Everyone enjoyed a delicious buffet and then the Riverboat Strummers, a banjo band led by Bob Menefee, AA7QJ, entertained us. The band consists of three banjos, a bass fiddle and an accordion. There were many old favorites and we were encouraged to sing along with Bob.

Door prizes were drawn and the meeting ended at 2:00 PM.

Gerry Higgins W7ES - Sec./Treas.

Chapter Reports

Chapter 21, Canton

The regular quarterly meeting of QCWA, Chapter 21, Canton, Ohio, was held November 16, 2002, at the Skyland Pines Rustic Lodge, Canton, Ohio. Following dinner, president Nelson Caley W8EAR presided for a business meeting. There were 28 members and guests present.

President Nelson Caley W8EAR introduced the guests from Chapter 39, Akron, Ohio, Harold Davis W8NNS and XYL Helen, and Bill Hessler W8DXT. Chapter 39 has been invited to visit with us at the quarterly meetings in order to have a larger attendance for both chapters. The Akron roster has been added to the Canton database for mailing notices.

Nelson Caley reported that we have three new members: Richard Anderson K8XAF, Donald Wade W8DEA who joined at the Massillon Hamfest, and Harold Davis W8NNS.

Secretary David Glass displayed the Fall, 2002, is-



Chapter 21's table at the Massillon, Ohio, Hamfest, October 27, 2002. (L to R) Joe Vignos W1FEZ, Editor, David Polen W8FRB, David Glass W8UKQ and Secretary. Digital photo by Ed Clinger WA8DRT.

sue of the Journal. Out of approximately 40 certificates that were issued only the two presented by Chapter 21 and one by another chapter were presented in frames. Thank you to Nelson Caley for proposing several years ago to provide frames for certificates.

It was reported that Shirley Rex K8MZT has moved to New Jersey for a period of recuperation. She, Charlie Scott K8BYC, and Ed Gammeter W8CSU should be remembered with cards from members.

In the business meeting the nominating committee of Joe Vignos W1FEZ and Denny Frey K8NIB presented their report. At that very moment the Norfolk and Southern Special roared through the station! The retiring president was thrown from the cab by the VP advancing to president. A new VP was snagged from the mail bag yard arm. The incumbent director and the secretary were held captive in the caboose for another term each. The senior director had a ticket to ride for



Chapter 21's outgoing President Nelson Caley W8EAR (left) presented the gavel to incoming Vice President Kay McCune W8LNK standing in for incoming President Perry Ballinger W8AU. Digital photo by Joe Vignos W1FEZ.



Chapter 21's new officers: (L to R) Stanley Smith WA8NZE, outgoing President Nelson Caley W8EAR, David Glass W8UKQ Secretary, Ed Clinger WA8DRT and Vice President Kay McCune W8LNK. Digital photo by Joe Vignos W1FEZ.

another year. As the smoke and ashes cleared the mayhem became evident. The motion to close nomination (W8FRB, W8FNM) was approved. The motion to elect the nominees by acclamation (K8AGB, K8NIB) was approved. Therefore, Perry Ballinger W8AU became president; Kay McCune W8LNK, vice president; David Glass W8UKQ, secretary-treasurer; Ed Clinger WA8DRT, director, two years; and Stanley Smith WA8NZE, director for one more year. Congratulations to each one!!

Nelson and Polly Caley presented a short and entertaining program about the many commonly unknown facts of the dollar bill, a survey of preferences of flavors of ice cream, and the many different uses of the word, "Up."

Thank you to Joe Vignos W1FEZ for his upkeep of the web site for our chapter. The web site is www.cmh.net/qcwa or www.cmh.net/~jpvrs

Door prizes were awarded.

David Glass W8UKQ - Secretary

Chapter 39, Akron

The meeting of Oct. 17, 2002 was held at Waterloo Restaurant at noon. There were 9 members and 4 guests present.

After lunch Bill Hessler W8DXT called attention to some documents displayed for review, including other chapters' newsletters.

After a short intermission, we reconvened with the usual introductions all around.

Next, Bill gave a treasurer's report that showed cash balances of \$388.48 in the bank and \$1.21 in petty cash as of July 15.

Since there were no nominations for chapter officers, there was no election.

Harold Davis W8NNS had reviewed the printout of the Chapter 21 website and he recognized the name of a former coworker. He planned to investigate a possible relationship with the Canton Chapter.

Since the last meeting Harold Davis W8NNS has established contact with the Canton Chapter. He and I attended their meeting on Nov. 16. It was suggested there that we hold joint meetings with them until we get officers to resume our own meetings.

The Kitty collection amounted to \$9.68.

Bill Hessler W8DXT - Sec'y

Chapter 41, Dallas

As announced in the Winter issue of the Journal, Chapter 41 will host the 2003 national convention of QCWA. The dates will be 16, 17, and 18 October, and the location will be the Crowne Plaza Hotel in Addison, Texas immediately north of Dallas. National Director Jerrel Jones W5TUU, and XYL Patty W5SBF, both of whom are members of Chapter 41, are spearheading convention arrangements.

It is with sadness that we note the passing of the following members during the past year: John Alford W5TXL; Francis Carroll WA5LSY; Earl Granberry W5YYC; David Hundahl NN5K, chapter vice president;

and George Lyons K5MXQ.

The officers and directors of Chapter 41 are: President, James La Porta N1CC; Vice President, Bob Peters K1JNN (replaced SK - NN5K; Secretary-Treasurer, Bert Wells W5JNK; Director, Charles Dobkins W5LCM; Director, James Rhodes W5TQC; Director, Julia Young K5JFJ; and Director, Roy Costolow W5Z0Z.

The chapter welcomes new members: Tom Brewer K5MET; John Carlson K9SQ; Lee Cheever W5IG; Bob Coker WA5ZNA; John Cope KD5NB; David Erb W5QHF; Johnny Graham KD5NO; Dave Jaksa W0VX; William Lathan AK5K; Ted Nadasky K5KJV; Carl Noblitt N5CN; Michael Vinocur W2HLD; and Ira Wiesenfeld WA5GXP.

Long time member Bill Mueller W5VSD, recently won MAXRAD's fifth annual George M. Hanus Award which provides a \$1,000 scholarship to a student in the field of communication at a technical college or university of the recipient's choice. Mueller chose to donate his honorarium to support ARRL's Education Fund. Bill, a veteran amateur radio operator, is the retired CEO of Hutton Communications, Inc., and was engaged in the wireless communications industry for more than forty years. ARRL President and chapter member Jim Haynie W5JBP, accepted the scholarship donation from Mueller in a presentation at Hutton Communication headquarters in Dallas.

Bob Olney N5NT - Recording Secretary

Chapter 45, Citrus

It is with deep regret that we have to announce that Harry Yust W3GU, became a Silent Key on November 28, 2002. Harry had been in Sands Lake Hospital for several weeks with an infection of undetermined origin. He was first licensed as W3GHM in 1937, joined QCWA and the Citrus Chapter in 1999 and was presented with his 60-year certificate at one of his first luncheon meetings. He was very active in Ham organizations,

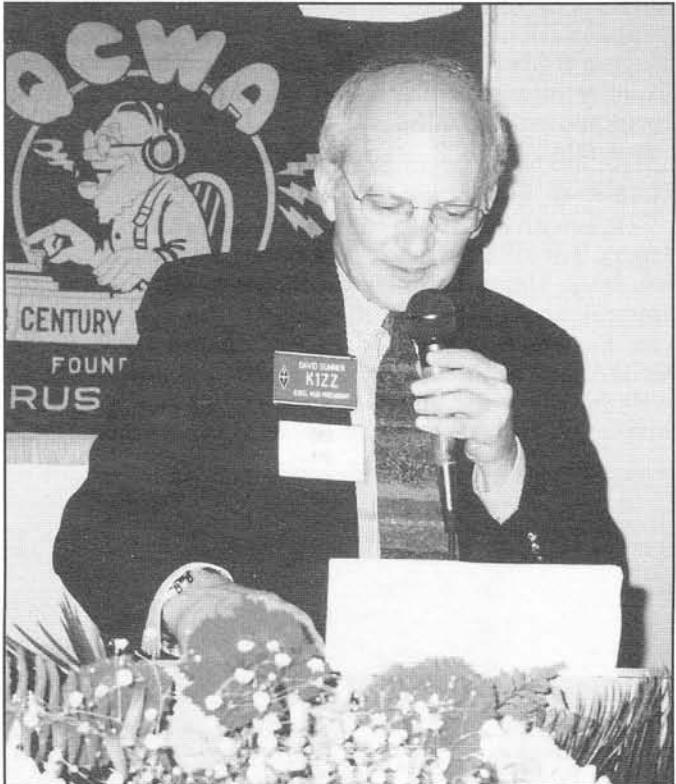


Al LaPeter W2AS (l) President of Chapter 45 and Convention Committee Chairman, receives a plaque of appreciation from Croft Taylor VE3CT.

Chapter Reports

belonging to OARC, D.E.A.R.S, the Frankford, PA Radio Club and QCWA. Harry will long be remembered in the Orlando area for his electronic expertise and his outstanding skill as a CW operator. A donation was made to the QCWA Memorial Scholarship Fund in Harry's memory.

The QCWA 2002 Convention has come and gone and everybody active in that event has breathed a large sigh of relief. The Convention was held at a Ramada Gateway Hotel in Kissimmee Florida next door to the theme park industry. This provided the opportunity for the Convention attendees to visit attractions like Disney and Universal. A trip to the Arabian Nights Dinner Theater was a major schedule event. This featured an attractive dinner menu accompanied by a spectacular horse riding show. Shopping trips to the local area malls with bus transportation available was a popular item. A number of forums were on the schedule; Stan Wood WA4NFY, brought us up to date on the program AMSAT, the Lightning Stalker, David O. Stillings presented a visual journey of his 24 years of capturing lightning images on film, in this area known



Dave Sumner K1ZZ, CEO ARRL presenting keynote banquet speech.

as the Lightning Capital of the world. His photos are spectacular. Bob Cumming W2BZV led a forum on VHF operations, and Herman Kramer, a member of the Antique Wireless Association, assembled a very popular display from his collection of antique communications equipment. QCWA Board members led an open forum on the QCWA direction of today. Dave Sumner K1ZZ, CEO of the ARRL led a forum on the status and goals of that organization. Dave was also the principal speaker at our Saturday night banquet, the highlight of the three days of activity. The



Croft Taylor VE3CT, President QCWA presenting a plaque to outgoing President Gary Harrison K0BC.

Registration and information desk in the hotel lobby was under the direction of Mort WA2AWS, and Roberta Cohen with the welcome help of whomever was available. Each person that had registered was presented with a packet containing information on the Convention activities, and tickets for the programs and The ladies were not forgotten with among other programs, the making of holiday gifts, flower decoration and arrangement. Pam LaPeter, XYL W2AS, and Myrna Cumming, XYL of W2BIY, conducted these programs and with the assistance of other members and XYLS arranged and provisioned the Hospitality Suite, an area where light beverages and snacks were available while meeting with other attendees. A very well attended program was the social hour on Friday afternoon. Wine and cheese was available and drawing for the donated items as prizes was conducted.

The QCWA Memorial station W2MM was set up in an anteroom to the Hospitality Suite. Quentin Jones KU4WD and Bob Cumming W2BIY, installed the antennas on the roof over the Hospitality Suite. With SSB and CW operation over 100 contacts were made during the Convention. Chapter 45 has been the custodian of W2MM during this year, as part of being the host to the 2002 Convention. During the two QCWA QSO parties more than 500 contacts were logged.

Chapter 45 holds a luncheon meeting the third Wednesday of every month at the Piccadilly Cafeteria, 1840 East Colonial Drive in Orlando Florida. Members usually begin to gather at about 1130 hours for lunch and fellowship. The business meeting begins at 1230 hours. Any ham in the area is welcome to join us. The Chapter operates an open repeater on 147.195 MHz with a scheduled net at 1930 hours local time Tuesday evenings. If you are in the Orlando area, drop in.

Paul Turner W1DLP - Secretary

Chapter 51, Tex-La Golden

Our monthly meetings this quarter were held at Dorothy's Front Porch Seafood Restaurant with 20-29 members and guests present. At the December meeting officers for 2003 were elected. Dub George - W5DUB will serve as president. Norman Helms - K5SAC will continue as vice-president and Dee Dikes - WA5BEU will continue as secretary/treasurer.

Dub George W5DUB - Bulletin Editor

Chapter 53, Suncoast

Following the lunch at business meeting at our 07 November meeting, Bill Schlapfer-KA2HEA showed slides of his recent visit to the United Kingdom and France. For a change of pace, Bill sailed to England and back aboard the Queen Elizabeth II and utilized the high-speed rail system from England to France. We learned more about mixing ham radio and the Internet when Eddie Palmer-K4JP, assisted by Hans Napfel-WB2ZZB presented a very informative discussion on the use of the Echolink mode, which is now available on the Venice, Florida repeater. This mode permits amateurs lacking HF capability to utilize the Internet for DX contacts with just a HT or their computer. Suncoast Chapter 53 has a luncheon meeting the first Thursday of every month-October through May-11:30 AM at Denny's, 3701 Bee Ridge Road, Sarasota, FL. All QCWA members living in, or visiting, the Florida Suncoast area are always welcome!

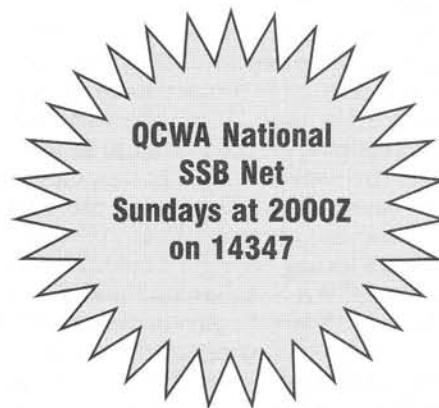
Jack Sproat W4JS - President

Chapter 55, Wisconsin

Our Fall meeting was held on Saturday, October 5th at the Machine Shed Restaurant in Waukesha. The meeting was the largest in three years with 35 members and guests present. Our president, Verne Teske W9RYA, opened the meeting with a prayer for our Silent Keys, victims of 9/11 and members of our Armed forces serving throughout the world. The dinner meal consisted of Swiss Steak, roasted turkey, mashed potatoes, gravy, cottage cheese, coleslaw, rolls/butter and "bottomless" cups of coffee. After the meal and all were smiling and content with hands folded across expanded tummies, Verne called the meeting to order and called upon our Treasurer, Ted Stiller WA9RDI, who gave his report as follows: Previous Balance June 1, 2002, \$680.88 with a current balance of \$743.86. The details will be included in our November issue of the Chapter 55 Newsletter. After his report, Ted suggested that all members and guests present give their names, call letters and location. Some also gave a brief description of their current amateur radio activities. W9OVO, Clayton Cardy, noted his 70th year as a ham. Ted also asked for a cheap source for working 572B tubes...tubes with filaments still intact! Asked by Verne for the Secretary's report, Ron Yokes W9BCK thanked Duane Haas W9BCV, for his fine autobiography that appeared in our July newsletter with additional thanks to Jack Krause W9JK, for his biographic contribution to our upcoming November newsletter. Ron, leaning on the Biblical concept of "Ask and Ye Shall Receive", asked Les Peterson W9YCV, to fur-

nish his Bio for the Spring newsletter. Les in turn, agreed and promised to see that the article is ready for publication. Gene Santoski K9UTQ, from Wisconsin Rapids, was asked if he would distribute Chapter 55 membership applications to formerly active QCWA members of the Central Wisconsin Chapter. Gene agreed and Ted W9RDI, gave him the applications. Next, Gene K9UTQ, got the floor and asked for a moment of silence to honor SK, Bob Baird W9NN, who "Elmer'd" Gene forty years ago and noted that Bob kept a gallery of photographs in his garage of notables and celebrities he had met while working for WGN in Chicago. Bob was a founding member of the National QCWA. Gene let us know that the JOTA, a Boy/Girl Scout Ham Radio Jamboree will take place on the weekend of October 19. He urged us all to listen on the bands for the JOTA special event station or come out and meet the youngsters at the site. Verne talked about the difficulties encountered trying to satisfy as many members as possible by selection of meeting locations suitable to all and expressed disappointment that some members closest to the chosen meeting sites have repeatedly failed to show up. He asked for suggestions to remedy the situation but none was offered. Silence is Golden. Verne then asked Bettie Norbury K9GJC, of Watertown to extend her invitation to the gathered crowd to attend the Ground Hog Party at the Watertown Moose Lodge on October 19th. She, along with the help of others, are having a "revival" of the famous "Ground Hog of America, Hole #1" also known as G.O.N.A. This was a group of area Hams who just wanted to have an informal party with friends and was originated by Erv Buchart W9QHR, of Watertown in 1949. Bettie and her husband, Theron W9LUB, who is a SK, took over in 1976 and hosted it until 1988 at which time it was terminated. She is now reactivating the affair and all are invited to attend. All business discussed, Verne W9RYA, a former employee of General Motors, who worked on the Apollo Space Program, presented a program on some of the problems that occurred on the flight of Apollo 13. The discussion covered the guidance system operation. After a stimulating Q&A with no further questions, Verne adjourned the meeting at 2:03pm.

Duane Haas W9BCV - Reporter



Chapter Reports

Chapter 58, Colorado



Some of the officers and directors of Colorado Chapter 58: Seated in front Jim W9KRE and in the back, left to right, are Hank WØZU, Don WØDM, Bob KD7MY, and Brownie WØFDD.

We had our Winter board meeting December 18, 2002 at the home of Hank WØZU. Present were President - Jim W9KRE, Secretary/Treasurer - Hank WØZU and Board Members Don WØDM, Brownie WØFDD and Bob KD7MY. Chapter Vice President - Lou WØQKR was excused due to a death in the family. Pat KA7SCM, XYL of Bob KD7MY was a guest. Sarah, Hank's YL provided coffee and pastries. Hank WØZU read the minutes and treasurers report. They were accepted as read.

Chapter 62, Suwannee

Suwannee Chapter 62 meets on the 4th Thursday of every even month, except in December it is the 2nd Thursday, at 11:30 AM at Ryan's Family Steak House, 3933 E. Silver Springs Blvd., Ocala, FL. Please join us if you are traveling through central FL. At the December meeting the following officers were elected for 2003: Ken Simpson W8EK, President; John Elwood, Jr. K1HOF, Vice President; Jim McKeever WD4DPA, Secretary/Treasurer; Hal Maider K2HY, Corresponding Secretary; Tom Brumbaugh KI4CX, Director and Byron Engen W4EBA, Director. Ken, W8EK, and family were the only ones from our Chapter who attended the National Convention in Kissimmee on Oct. 24-26. Ken's son Stephen, KC8IOY, gave a little report of what he had done and seen there and Ken gave a more lengthy report of the possible new 5 MHz band. It may be some time in coming. He also reported on the National officers and others he met at the convention. It was moved and seconded, as is usual in the December meeting, to send donations to various organizations. It was decided to send \$50.00 to Florida Sheriffs Youth Ranches and to send \$50.00 the QCWA Scholarship Fund. Our new member, Tony Blalock K4OCF, gave a talk on portable receivers and transmitters using small antennas with tiny coils, (mobile and otherwise). He showed quite a collection of coils he had made plus other pieces of equipment that can be purchased from radio stores. His article on the subject appears in the 2002 October issue of CQ magazine.

He gave a very interesting talk and answered many questions concerning the equipment and its use.

Hal Maider K2HY - Corresponding Secretary

Chapter 64, El Paso

El Paso Chapter 64 held their annual meeting and Christmas party at Buck's Bar B Q, Dyer and Sanders Streets, on December 21, 2002. Officers installed were Manny Gonzalez W2BFI - Secretary-Treasurer, C.W.Hiett N5HRD - Vice President and Directors, Judy Scheiderer WB5HGL and Bob Smith K5VRF.

Chapter 64 was proud to salute Charter Member, Tex Burdick W5BQU. Tex celebrated his one hundred and second birthday 25 September 2002. He was first licensed in 1931 and is still active on the HF ham bands. When not world traveling with his XYL, Juanita, he can be found on 3.933 on Saturday mornings during the Chapter's net at 8:30 AM MST or just about anywhere else on the bands, talking to old and new friends. Tex is also a very desired contact during Worked All El Paso (WAE) contests.

We regret having to report Pat Patterson W5UKY, long time member of Chapter 64, as a silent key. Pat passed away October 28, 2002. Our condolences to his family. A gift in his memory has been forwarded to the QCWA Scholarship Fund.

Jean Carlson K0ZRD - President

Chapter 65, Niagara Frontier

A record of reasonable success for 2002, including some new membership gains was neutralized on November 8th with the death of our long-time Chapter Secretary, Ken Palmer K2FJ.

"Sparks," as he was known to the marine radio community, had a long and varied history of work in marine and broadcast radio. His ham calls included PJ8DX, VP2EEC, and VP2VAN. He was trustee of our chapter station, W2SD. At the time of his death Ken was 75. At age 64 he had returned to military service for four months as a Marine Radio operator during the Persian Gulf War.

A moment of silent tribute was observed for K2FJ at our Chapter Christmas Party and Annual Meeting



Some of the attendees at the chapter's annual Christmas party.

held at the Flying Tigers Restaurant near the Buffalo-Niagara International Airport. The party was especially well attended with nearly thirty on hand. Reports indicated a comfortable financial condition and optimism for activities in 2003. Bob Rooney W2AET, gave a short talk on his September visit to ARRL Headquarters and W1AW.

Chapter 65 will continue to meet the second Saturday of each month, at Noon, at the Flying Tigers Restaurant. QCWA contest participation is planned by several members, a club summer picnic will be held again, interesting programs are being planned for our several of our monthly meetings and membership recruitment efforts will be made at various hamfests. W2SD will be on the air weekly for our 75-meter SSB net. Chapter President, Tom Whalen W2QI, has assumed trusteeship for the station and Bob Rooney W2AET, has taken over as Chapter Secretary. Larry Rybacki WA2ARA, continues as Chapter Vice-President.

Bob Rooney, W2AET, Chapter Secretary

Chapter 70, National Capital

At our last dinner meeting of the year held at the Nepean Sportsplex restaurant we had 44 members and guests in attendance. President Gerry King VE3GK welcomed all to our Annual General Meeting in his usual affable manner. A special welcome was extended to our guest speaker Bill Gillis VE1WG, President of the Radio Amateurs of Canada. George VE3BNO reported on the great convention in Orlando. Our new executive was duly elected. President Gerry King VE3GK, Past President Gus Holz VE3VK, Secretary Clare Fowler VE3NPC, Treasurer Keith Bedal VE3GFI, and Director Doug Leach VE3XK all agreed to continue in their positions for another term. Director Ted Turner VE3LV will serve the one year remaining in his term and a new Director Ernie Brown VA3OEB was elected.

The Radio Amateurs of Canada is nearing its tenth anniversary and is continuing to find its way according



Croft Taylor VE3CT (l) presents Ralph Cameron VE3BBM with his 55 year pin and certificate.

to the President of RAC, Bill VE1WG. With the help of many volunteers it is working to produce good results in the advocacy field, the appropriate service to members and to make it a truly strong organization that everyone will get behind and support fully. One of the very important activities of RAC is in the advocacy role in representing the Canadian amateur community to the regulators. Making sure the privileges we now have are protected and attempting to enhance those privileges. RAC will have two people attending the forthcoming World Radio Conference 2003. The preparatory work they have done has placed them in a very good position not only to represent the Canadian amateur radio position, but also the international position.



Croft Taylor VE3CT (l) presents Ken Holt VE3VC, with his 50 year pin and certificate.

When we look at the entire amateur population of Canada, membership in RAC, on a percentage basis is very low. We need new members. Bill asked those present to use their influence to encourage their amateur friends who are not members, to join RAC. To tell them about the benefits not only in terms of what they can get from RAC but that their support for RAC will produce better results for them.

The plan and goal of RAC is to make itself into a very streamlined, efficient, service and advocacy oriented organization, that will serve its members well, and to do everything in its power to increase its membership.

Chapter 73, Fred Hammond

Our fall 2002 meeting was held on Saturday, October 5th at the Plainsman Restaurant. A new member, Bruce Weber VE3IL, was introduced.

Chapter President, Tom Atkins VE3CDM made a few comments and introduced the new President of QCWA, Croft Taylor VE3CT, who updated us on the latest activities of the Association.

Croft then presented long service certificates to Earl Mann VE3EHM, 65 years, Jack MacQuarrie VE3AWY, and Jim Thompson VE3BCA, 55 years, and in absentia, Fred Williams VE3HE, 55 years.

QCWA NATIONAL CONVENTION

October 17-19, 2003

Convention Hotel: Crowne Plaza, Dallas near the Galleria, Addison, Texas
14315 Midway Road, Addison, Texas

Phone: 972-980-8877

Faxsimile: 972-788-2758

Website: <http://cpgalleria-nr.crowneplaza.com>

Reservations: Call Hotel 972-980-8877 during business hrs
Or call Central Reservation No 1-800-227-6963 (24 hrs.)
and Specify hotel location code "DALAD"

Reservations should be made by September 24, 2003

Rates are \$74.00 per night plus tax (13%) = \$83.60 per night. US DOLLARS
Specify: "Quarter Century Wireless Association" rate

Planned Activities: Subject to change

TOURS: Kennedy Memorial
Cavanaugh Flight Museum

LADIES: Shopping Trip for Jewelry & Clothes
Ladies Luncheon with Entertainment

Friday Reception, 4 to 6 (Cash bar)

FRIDAY EVENING:
Texas BBQ Dinner with Entertainment

*Open Forum Seminars

*Saturday Evening Banquet with Speaker

Sunday Brunch: No Host

CONVENTION QUERIES AND REGISTRATION

Jerrel Jones, jerrelj@gte.net

972-423-0202 FAX 972-881-7300

2025 Meadowcreek Dr. Plano, Tx 75074-4663



QCWA CONVENTION 2003

October 17-19

YOUR HOST: DALLAS CHAPTER NO. 41

TALK IN: 146.61 MHZ

CONVENTION HOTEL: CROWNE PLAZA ADDISON

14315 Midway Road, Addison, Texas 75001

Telephone 972-980-8877 or 1-800-227-6963 (central res. no.)

Fax: 972-288-2758

(Book rooms directly with Hotel-or with Central Reservation No.-
mention Quarter Century Wireless Association)

Complementary Transportation to Galleria and Restaurants in Addison

PLANNED ACTIVITIES: (Subject to Change)

*Friday Reception, 4—6 PM (cash bar) *PRIZES

*Open QCWA Forum *Old Old Timers Club Activity

*Seminars *Tours *Ladies Shopping Tours

*Sunday Brunch

Convention queries and Registration:

Jerrel Jones, jerrelj@gte.net

972-423-0202 FAX 972-881-7300

2025 Meadowcreek Dr. Plano, Tx 75074-4663

mail in registration

NAME: _____ Call _____ QCWA# _____

SPOUSE/GUEST _____ Call _____ QCWA# _____

Non Member _____ Call _____

Email address _____

Registration _____ @ \$20.00.....Total _____

Spouse/Guest Registration: _____ @ \$5.00.....Total _____

Texas BBQ and Entertainment _____ @ \$30.00Total _____

Banquet: Steak _____ Chicken _____ @ \$32.00.....Total _____

Sunday Buffet: No Host

Staying at Crowne Plaza _____ nights Total enclosed (US) \$ _____

Checks should be payable in US \$ to "QCWA Convention 2003"

Chapter Reports



Croft Taylor VE3CT presenting certificates to Jack VE3AWY, Jim VE3BCA, and Earl VE3EHM, with Tom VE3CDM watching. -Photo by VE3SY.

Our guest speaker was Tom Domonkos VE3FCK, who gave us a very entertaining talk about the extensive contributions in the early days, of a Canadian, Reginald Aubrey Fessenden, to the technology of radio communications and broadcasting. Tom has spent many hours during the last 12 years, in Canada and the US, researching Fessenden's activities and has become an expert on the subject.

As an aid to those who are hard of hearing, we tried an experiment at the meeting using two-meter handhelds with earpieces and a flea power transmitter at the podium. It worked well and we suggest their use at future meetings.

After our excellent buffet lunch we had a prize drawing, thanks to the donations from Marty Rosenthal VE3MR of Electrosonic Inc., Hammond Manufacturing, Buzz Roberts VE3ZDD, and Larry Parker VE3EDM.

Our next meeting will be at The Plainsman on May 3rd, 2003.

Keith Bentley VE3DHL - Secretary-Treasurer

Chapter 76, Blue Ridge

Chapter 76 normally has only one meeting in December, to celebrate the holiday season, to introduce the new officers and allow the outgoing president to pass the gavel to his successor. This year was no different, except that Mother Nature intervened (snow and ice storm) and delayed the event by two weeks! By then, many members had already left town for the holidays, but some 30 of us managed to attend the event. Our outgoing president, WA4TOG, was among those out of town and asked chapter secretary W4DK to stand in for him and pass the gavel to incoming president George Knudsen, W4GCK. Mission accomplished and the 2003 officers are:

George Knudsen W4GCK - President, Charlie Jobes W1HVA - Vice-President, Duke Knief W4DK - Secretary, Walt Steiges W1HTL - Treasurer, Ronnie Parham K2SST - Director and Martin Harris W4FOT - Director

A new Chapter 76 award was initiated at this meeting. We perceived a need and found that there was no



L to R: George Knudsen W4GCK received "The Good Guy award" from Duke Knief W4DK, Chapter Secretary.

existing way for the chapter to simply recognize an individual or a group for noteworthy activities in the community beyond the venue of QCWA or amateur radio. So, we now have the all-purpose, Chapter 76 "Good Guy Award" and the first recipient was George Knudsen, W4GCK. George was recognized for his continuing kindness and assistance to a friend with cancer.

By the time you read this, the New Year will be well underway but the very best wishes from Chapter 76 for a healthy and prosperous 2003. Except for December, we meet twice each month on the 1st and 3rd Wednesdays. If you're in Hendersonville (NC), please join us. Contact Duke Knief W4DK 828-891-4359 (w4dk@arrl.net) for current info.

Duke W4DK

Chapter 81, Long Island

The highlight of our activities for the quarter is our last meeting, namely our Holiday meeting. For the third time it was held in the prestigious Milleridge Inn located in Jericho. The place was most festively decorated, inside and the outside grounds. Carolers went around the various rooms and entertained the guests with holiday songs.

Our previous meeting was given over to nominations of officers and directors for the coming year. Additional nominations from the floor were invited but none were forthcoming. Hence, an uncontested slate which was confirmed by a vote at this Holiday meeting. Elected were: President - Sid Wolin K2LJH, Vice Pres - Marty Miller NN2C, Secretary - Howard Liebman W2QUV and Treas - Hugo Landerer, W21GH. The Directors are Herman Mitatz W2TLC, Andy Cola W2VZQ, Kate Saul AE2Z and Ed. Pecan WB2RXG. There were 18 members and guests and the chapter had to guarantee 25. Once again the Corp de Esprit came to the rescue where by 7 members bought next day's dinner from the chapter that was greatly appreciated by the treasury. And so went the evening full of good fellowship" **H.F. Milatz - Secretary**

Chapter 91, Vic Clark

October 19: Stan Schretter W4MQ, speaks on HF Operations over the Internet

How would you like the opportunity to work the HF bands using a top-of-the-line Kenwood TS-2000 with your choice of available antennas in a good location, all without the expense of buying or maintaining such a station? How much more would you like it if you could do that from the comfort of your own home, apartment, or condo unit, or while you are on travel and have some time to play on the ham bands?

All you need is a valid ham license for the operations you contemplate, a 300 MHz PC with sound card, 5 GB hard disk, running Windows 95 or later, plus access to the Internet. Oh yes, you need a PC-compatible microphone and headset in order to use your Internet connection as though it were a "long mike and headset cord." Stan described his Internet Remote Base (IRB) station and how hams can register to use it via his online website: <http://www.w4mq.com>

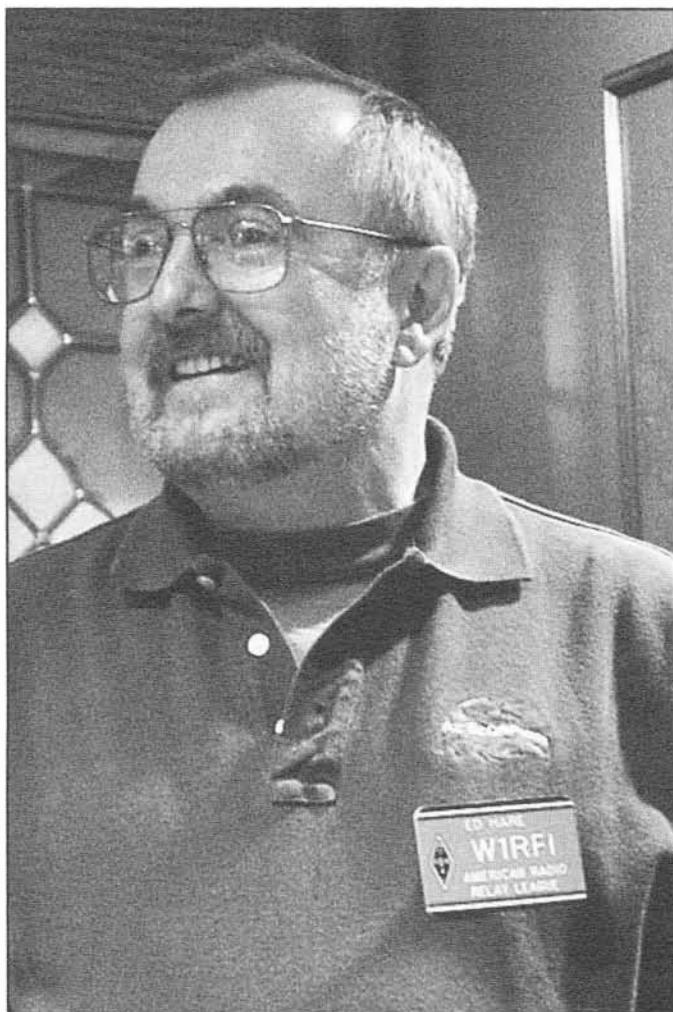
At the end of the meeting, Stan submitted applications to join both QCWA and Chapter 91. Welcome aboard, Stan!



Stan Schretter, W4MQ, relaxing

November 16: ARRL's Ed Hare W1RFI, speaks on Radio Frequency Interference

Ed, ARRL's Lab Supervisor and its RFI Liaison to the electronics industry, defined Radio Frequency Interference (RFI) as "an unwanted interaction between two systems." Unwanted interactions get serious attention from the ARRL and the FCC only if they are repeatedly causing harmful interference to actual com-



Ed Hare, W1RFI, holding forth

munications. Ed: "If a tree falls in the RF forest and there is no one around to hear and be bothered by it, then harmful interference has not occurred."

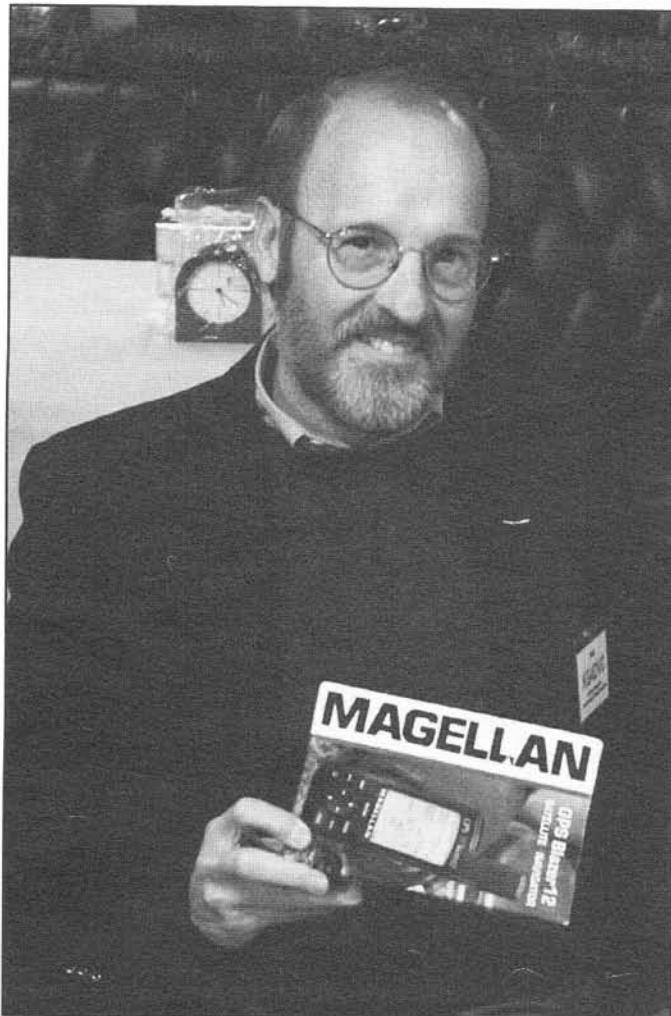
Ed reminded us that ALL of the amateur radio spectrum is shared with somebody and explained the responsibilities of the primary and secondary users sharing any band of spectrum. He then did a quick tour of Title 47 of the Code of Federal Regulations (CFR) that governs the sharing of the radio spectrum in this country.

He then described the work his small staff and the ARRL's RFI Task Group, chaired by Dennis Bodson W4PWF, do to minimize the potential interference problems posed by new products coming to market. Ex-

Chapter Reports

amples are products that make use of house wiring, either power line or telephone line, to support high speed local area networks in small offices and homes.

Ed's presentation was rewarded with good questions from the floor that he answered with insight and wit. He then teamed up with Jim Wilcox, W3WV, to auction off a variety of items for the benefit of the chapter's treasury. They kept us laughing while shelling out for goodies we probably didn't need. Thanks, guys!



Phil Paullin, KG4DVC, holding GPS receiver from Santa.

The annual election of officers was held, and the incumbents W3BE, K5RJ, W4BHD, and KM4ML were re-elected to serve during 2003.

December 14: Annual Holiday Luncheon

The Marco Polo Restaurant in Vienna, VA, was the location for our luncheon this year. Before lunch, President John Johnston W3BE, thanked the members of the chapter's Executive Committee for 2002 for their fine work and then recognized Margaret Kelleher, Jack's widow, and son Jerry Kelleher, who now holds his dad's call, W4ZC, as Friends of Chapter 91. Jerry will be eligible for QCWA membership in 2007.



Dave Burns WA3WHR (l), and John Johnston W3BE (r).

Our after-lunch speaker was Riley Hollingsworth K4ZDH, the popular Special Counsel in the FCC's Enforcement Bureau. Riley took a departure from his standard presentation on enforcement activities to treat us to some of the more humorous examples of letters and phone calls received by him. He says they make him wonder whom he's going to encounter next week.

Riley closed by noting that in the interference cases he investigates, about 90% are unintentional and are cleared up, often quickly, once the cause is identified and the responsible party is notified. Two things that hams can do to improve the situation: (1) remember that no one has a unique claim to any frequency on the band, no matter how long they may have operated there, and (2) even though you've experienced some interference, resist the temptation to jump to the conclusion that it was intentional.

John Johnston noted that Riley is a QCWA member and then surprised him with membership in Chapter 91 and presented him with an official QCWA cap with "Chapter 91," "K4ZDH" and "Riley the Enforcer" embroidered on the back.

John presented QCWA's Meritorious Award for the year to Jim Wilcox W3WV, "in grateful appreciation of Jim's untiring and devoted efforts and services to QCWA and Chapter 91."

John then introduced Santa Claus — who looked remarkably like John Swafford, W4HU, in a red cap — to oversee the distribution of gifts. The finale was a drawing for a Magellan GPS receiver, an ICOM transceiver, and a digital multimeter. With that, everyone departed with their arms full, their stomachs satisfied, and their hearts filled with good cheer!

For more on all these events, including photos, see our website: <http://homepage.mac.com/rrucker/chapter91.html>

Dave Burns WA3WHR, received his 50th Anniversary Certificate. Since Dave was unable to attend our Annual Awards Luncheon last May, chapter president John Johnston W3BE, made the presentation in the latter's ham shack.

Dick Rucker KM4ML

Chapter 100, East Georgia

December 19 at 6:00 PM the chapter held its December dinner and meeting. There were a total of 37 members and guests. We met at a local Bar-B-Que restaurant. Food was good and the fellowship was great. Members were reminded to keep their dues paid up and three who had not paid were asked to renew.

As is the custom with this chapter, at the December meeting, all members are asked to purchase some items from a list provided that will assist the local Abused Children's Shelter. Those items were presented to the two representatives. They are Ms Anne Shively and Ms Ernestine Baker. The President, Donald R. Anderson, K4PSW did the presentation on behalf of all the members and guests.



Left to Right: Ms Ernestine Baker, Don Anderson, Ms Anne Shively

Plans are in the works for the year 2003 as to our dining and meeting places and to look for more activities to be involved with.

Hope all QCWA members have had a Merry Christmas and have a Happy Healthy New Year.

Don Anderson K4PSW - President.

Chapter 102, Dakota

Several QCWA and Chapter 102 members were among the hams that helped during the Mount Rushmore International Marathon. Amateur radio operators furnished communications along the 26.2-mile course. A total of 355 runners plus 50 relay teams participated in this event.

Roger Kehm KØROG and his wife Darlene hosted the 25th Annual United States Coast Guard WW II LORAN Stations reunion held near Mount Rushmore. One of the highlights of the 3 day affair was having 5 of the veterans on stage at the close of the evening lighting program at Mount Rushmore, lowering and folding the flag, presenting it to the Officer in Charge of the CG LORAN Station from Gillette, WY who was in attendance and he to the Park Ranger for the night. Dan



Left to right: Faye Gowan; Roger Kehm, KØROG; Dr Bill Hughes, WØOPS and Al Gowan, WØLX at the presentation of the certificate of appreciation to Gowan.

WØNBX and Frank NUØF were part of the VE test team who administered the November 17th license tests on the SDSM&T campus.

One of our oldest members, Al Gowan WØLX celebrated his 92nd birthday in November. Al was also honored by the South Dakota School of Mines and Technology for his contribution of a rare, complete bound set of ARRL's QST from its inception in 1915 to the present day. The ceremony was held at Al's residence in the Good Samaritan Village, Sioux Falls South Dakota. Local area hams and friends attended the award ceremony. A special thanks to Dr. Bill Hughes WØOPS from the School of Mines and Chapter 102 Vice President Roger Kehm KØROG for putting this all together.

The following chapter members were among amateurs participating in the National Weather Service's December 7th Amateur Radio Special Event. Helping to setup and operating ham stations at the Rapid City SD, Weather Service Office, Dan-WØNBX, Scott-WAØVKC and Frank-NUØF. (Rapid City group logged 131 contacts). At the Sioux Falls, SD office Tom-NIØI and Roger-KØROG. Also visiting at the Aberdeen, SD office Gary-WAØZWZ.

Who's Who in One Ø Two

Gary Moore WAØZWZ. QCWA # 30654. QTH Redfield, SD.



Gary Moore, WAØZWZ at his station.

Chapter Reports

He received his Novice class license September 1969, was granted the call WNØZWZ. One year later, upgraded to General Class, the call changed to WAØZWZ. His first rig was a Heathkit DX-60 crystal controlled transmitter and a Lafayette receiver. After upgrading to General Class, he went "modern" with a Johnson Viking Invader transmitter and Hallicrafters SX-43 receiver. The SX-43 did not work very well on SSB so a Drake 2B receiver was the next receiver. A Johnson T-R switch also became part of the shack. His first antenna system consisted of a trap dipole for 80 and 40 meters and vertical with tuning coil was used on 20, 15, and 10 meters. This was the rig he used helping pass health and welfare traffic during the 1972 Rapid City flood.

A few years later came a Swan 350, Heathkit HW-12, Yaesu FT-101E, Heathkit HW-101 with Heathkit SB-221 amplifier, Yaesu 757 Kenwood TS-430, TS-450 and now his present rig, an Icom IC-746 transceiver with an Ameritron ALS-600 solid state amplifier. He also has a Yaesu FT-101ZD transceiver for a backup rig. He still has the HW-101 and SB-221. The current antenna system includes homebrew 80 and 40-meter dipoles and Higain TH-7 beam for 10, 15, and 20 meters. For 2 meters there's an Icom IC-2100 with a vertical antenna.

He became involved with the local ambulance service in 1972. In 1976 he joined the Civil Air Patrol and got his pilot's license. In 1992 he attended Paramedic School in Watertown, SD. Gary currently works at the Community Memorial Hospital and drives a school bus. He is the South Dakota's NEO evening Traffic Net Manager. Besides amateur radio, he enjoys woodworking, photography, and has a small gun shop called The Gun Clinic where he repairs and refinishes guns.

Frank Shaw NUØF - President

Chapter 110, Kansas

Kansas Chapter 110 meeting was called to order Nov 2-2002 at 12:30. Following a lunch in Hays Ks. at the Vagabond Chinese and American Buffet the meeting was called to order by WØTQ VP Wendell Wilson because the President is recovering from heart trouble. The Sec/Tres read minutes of last meeting and gave the treasurers report.

Both were approved.

The meeting was then turned over to election committee and elected WØTQ Wendell Wilson - President, WØFCL David Hays - VP and WAØYXK Alvin Wiechman - Sec/Tres.

There was a discussion about the next meeting and it was decided to hold it the first part of April 2003 after bad weather is over. KØRY and WØTEA will announce where and when on the Sat morning net and the secretary will send out a notice. Thanks to WAØGRM for hosting this meeting. The meeting was meeting adjourned.

Chapter 112, Yankee

Our Christmas Meeting was held on December 14, 2002, at Dewey's Restaurant in Lakeville, MA. Thirty members and guests attended. The President, Charles Lukas WI00H, called the meeting to order. After our meal, a business meeting was held with Secretary/Treasurer reports, presented by Chuck Walbridge, KIIGD. On a vote by the membership, a donation to the national scholarship fund was approved in memory of: Lester Kendall WIABE, Waldo Clarke WIJCI, Chester Tammany K1LII and Walter Wood WIRCJ.

Our gift exchange was run a little different this year. The women exchanged gifts as usual, but the ham (mostly men) exchanged gifts in a Yankee swap. Gifts were to be an item from your junk box (no boat anchors!). There were some exchanges and one returned home with the item he brought! But it was a lot of fun and every one enjoyed seeing what someone else was getting rid of! After presenting the door prizes, the meeting was adjourned at 2:45 PM.

Our next meeting will be on February 15, 2003, at the Yangtzen River Restaurant in Littleton, MA.

Chuck Walbridge KIIGD - Secretary/Treasurer

Chapter 126, Piedmont

The Piedmont Chapter 126 held its quarterly meeting on Saturday, December 7, 2002 at the Golden Corral restaurant in Asheboro, thanks to our hosts the Aderholts, Jim KI4DH and Verlene KG4LLR. An ice storm on Wednesday left over a million people in the Piedmont area without electrical power for several days. 12 brave souls left their cold homes for some food, fellowship and an entertaining program.

After our meal, President Joe Brown W4ONJ, called the business meeting to order. The main order of business was election of new officers for 2003. Elected were Billy Stewart WA4PVI - President, John Covington W4CC - Vice President, Joe Brown W4ONJ - Treasurer and Directors George McBride W4DGJ, Bill Turner W4WNT, and Bob DeWitt K4RLD. The office of Secretary is vacant, and this vacancy illustrates an ongoing difficulty for the chapter - recruiting officers. John W4CC will perform the secretarial duties until one is elected.

After the close of the business meeting, our speaker, Walter Johnson, was introduced. Walter worked for BellSouth for many years, and organizes a drama group called "The Plaza Players." Walter gave us a very entertaining "after dinner" program.

Meetings in 2003 are expected to be on March 15th, June 21st, September 20th and December 6th - all QCWA members are welcome to attend. Contact John, W4CC (w4cc@arrl.net) for meeting information.

John Covington W4CC - Vice President/Acting Secretary

Before you criticize someone, you should walk a mile in their shoes. That way, when you criticize them, you're a mile away and you have their shoes.

Chapter 126, Piedmont

The Piedmont Chapter 126 held its quarterly meeting on Saturday, December 7, 2002 at the Golden Corral restaurant in Asheboro, thanks to our hosts the Aderholts, Jim KI4DH and Verlene KG4LLR. An ice storm on Wednesday left over a million people in the Piedmont area without electrical power for several days. 12 brave souls left their cold homes for some food, fellowship and an entertaining program.

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John Covington W4CC - Vice President/Acting Secretary

Chapter 128, Pelican

Thirty-four members and guests attended the 9th Annual Pelican Chapter Catered Picnic on the shores of Lake Seminole near St. Petersburg, Florida that kicked off the "Snow Bird Season" in November. President Jarvie Mullins WA4GJL, again, hosted a most successful party. Our timing worked out this year, so that we were able to have National Director Ed Yoder W3YMB present to give a first hand report of the QCWA Convention held in Orlando, two weeks prior. Ed does a fine job of getting into the "nitty gritty" of subjects he reviews, better than most, and his efforts at the national level are very much appreciated by our membership.

A new slate of officers and directors were elected to head Chapter 128 for the year 2003. Bill Bell K4AVH, was elected President, Ned Herbert K4CNB - Vice President, Walt Supina N3WS - Secretary, Don Bice W4PCO - Treasurer. The Directors selected were Buddy Morgan WB40MG and Jay Strom W3XQ. (Immediate Past President Jarvie Mullins WA4GJH and Immediate Past Secretary Ken Johnson WA4TOP will serve one year (transition) terms as Directors, also.)

The year 2003 is a dynamic one for Pelican Chapter, 128. With several new officers installed, we are looking forward to a new meeting place, a few new faces, and different sort of program activity. The local "QCWA Repeater", which has been our 2 Meter "Beacon" recently was transferred to new ownership. It will continue to be available for our use, however. In many ways, W3XQ/

R (K9BSL/R) held our group together during some trying times. Pelican Chapter is most grateful and extends many thanks to Jay Strom W3XQ (K9BSL) for his devotion, generosity, and hard work in keeping it on the air. FB W3XQ

All in all, many changes are being made, but one thing that remains constant is the Pelican Picnic. It leads the parade of fun for QCWA members in South Florida and is our most popular event. There is one scheduled for this coming November. So, set aside the 2nd Wednesday for a "fun in the sun day", and join the gaggle of Pelicans on beautiful Lake Seminole in St. Pete. You'll enjoy it!

Don Bice W4PCO - Treasurer

Chapter 130, Inland Empire

Chapter 130 wound up the year in style by holding its 22nd annual Christmas luncheon at Anthony's Ristorante in Temecula, California. Temecula is small but rapidly growing city about 60 miles north of San Diego. Seventeen members and guests were treated to an elegant but leisurely luncheon featuring the best of Italian food.

Troy Wideman W6HV, was presented with a QCWA Meritorious award certificate, honoring his many years of outstanding service to the Chapter. He was also presented with a Fluke Precision Multimeter. For almost a decade, he has been Net Control for three of our chapter nets and given technical assistance and performed equipment repairs for many members of our Chapter.

Two of our members have become Silent Keys: W6LLB Perry Westrope - Chapter 130 secretary for over four years and W6DIS Mesrop "Zee" Zervantian

Gold Certificates were sent to the following:

Hal F. Cushing W6LXZ - 70 years, Raymond H. Page W6WPP - 65 years, William D. Engs W6TCY - 55 years and Jack B. Quinn W6PZQ - 50 years.

Discussion was held regarding the following:

Declining membership: We will continue to contact new QCWA members and see if they are interested in joining our Chapter. Also, each member was encouraged



Chapter 130 members and guests enjoy the Christmas luncheon.

Chapter Reports



Troy Wideman W6HV (l) receives the meritorious award certificate from chapter President Merrill "Buck" Lowry KJ6YK (r).

to contact other hams regarding our Chapter and our activities.

Chapter Net Frequencies: Some noise and interference problems have been experienced by a few of our members. General conclusion was that we stay "as is" for the present and not change frequencies.

Chapter 130 activities: Chapter President "Buck" Lowry KJ6YK, offered to hold the 2003 field day event at his home in Anza.

The luncheon was enjoyed by all and we are looking forward to our next get-together.

Hugh Graham W6HG - Secretary/Treasurer

Chapter 151, Wild Rose

The chapter ended 2002 on a very positive and upbeat note and we look forward to even a better year in 2003!

Our chapter would like to mention that it has attracted membership from as far as Gladstone, MO (near Kansas City, MO). Yes, Bob Roske NØUF, joined our chapter last November and for those who are not yet aware, Bob is the new Webmaster for QCWA National. If you have not visited the website lately, check it out. Many new items have been added and we are proud to have Bob in our group.

Our chapter was instrumental in getting a fantastic write up with pictures in Radio Amateurs of Canada's National magazine, The Canadian Amateur, giving the background history of QCWA National and recent elec-

tion of a Canadian Radio Amateur to serve as its new president. This article will tell the QCWA story to some 7,000 readers in Canada.

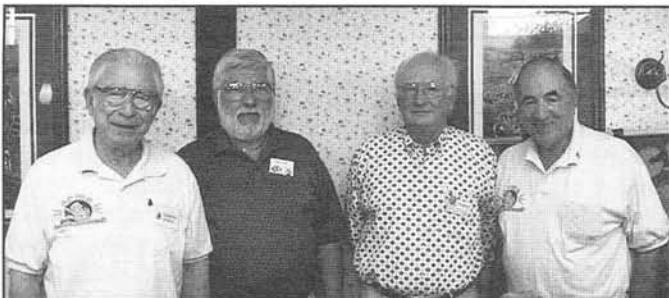
We look forward to hearing from all 151 members and friends in the ensuing year. We would like to extend a special invitation to those living in British Columbia who have recently joined QCWA, along with other British Columbia members, to come join us at Chapter 151. You can visit our website at <http://www3.telus.net/qcwa151> for more details and application form to join Chapter 151.

Ken Oelke VE6AFO - President

Chapter 154, Leo Meyerson

October 17th kicked off the first of the '02-'03 chapter luncheon meetings at Marie Callendars Restaurant in Rancho Mirage. Our guest speaker was Barry Pessis N6NUT, who presented a most interesting talk on the IRLP (Internet Radio Linking Project) system. For those who were unfamiliar with the operation of IRLP, Barry's talk held everyone's interest and was easy to follow. A question and answer session revealed interest by all those attending.

President George M. Underberger W6WAS, had announced his retirement after four years as President. At this time, the members formed a nominating committee of Don Doughty W6EEN, and Norm Friedman W6ORD. The following members were nominated for the up coming election on November 21.



(Left to right): Retiring Pres. George M. Underberger W6WAS newly elected Vice Pres. Emil Oana K6GLI, Pres. Gene Pentecost W4IMT and re-elected Secretary/Treasurer, Norm Friedman W6ORD.

President: Gene Pentecost W4IMT, Vice Pres: Emil Oana K6GLI and Treas/Secy: Norm Friedman W6ORD.

On November 21st, at our monthly luncheon the above nominees were elected to their respective offices for the year 2003.

Chapter 154 instituted a plan several years ago, under the guidance of Gene W4IMT, to help the survivors dispose of the deceased hams radio equipment. It is a no-charge service offered by the Chapter. The equipment is sold for as much as is possible and all sales monies are given directly to the widow. A recent widow was so impressed by the manner in which the collecting and selling of her husband's equipment was handled that she donated \$500.00 to the QCWA National Scholarship Fund.

Our Chapter namesake, Leo Meyerson W0GFQ,



(Left to right): Leo Meyerson WØGFQ, and Art Goddard W6XD.

arrived in our Valley the first week in December for an extended stay of about four months. Leo, a snowbird resident like many of us, comes from his hometown of Omaha, Nebraska. Chapter members are always pleased to have Leo "in town." He was just in time for the annual holiday party, a joint activity of all the Valley ham clubs. Leo and Art Goddard W6XD, Southwestern ARRL Division Director, enjoyed the great food and fun. **Retiring President, George Underberger W6WAS, and President, Gene Pentecost W4IMT.**

Chapter 162, Southeast Wisconsin

Our Christmas gathering held on the second Sunday of December last year welcomed 25 members and family to a bountiful spread, lively conversations and dining companions of great distinction. After the meal we exchanged small gifts and conducted a brief busi-



2003 Chapter 162 Directors and Officers. Seated left to right is Lloyd Gorsiski WB9RGO, President; Ron Fox K9AKH, Vice-President; and Bob Jensen WØWLN, Secretary/Treasurer. Standing L to R is Ken Knoff N9NBC; Chuck Knotek W9GKM; Gene Haney WB9ZKY; and Al Algiers W9HR.

ness meeting for two agenda items. The first welcomed our newest member Bob Flancher N9BF to the Chapter and presented him with his personalized Chapter name badge. And the second was the highlight of our yearend gathering; the recognition, and the awarding of Chapter 162's "Olin Fox K9AKG Award of Excellence" plaque. The award, dating back to 1995, was established to honor, and in the memory Chapter member Olie Fox K9AKG who gave so much of himself to Amateur Radio and his community during the last half of the twentieth century. This year's unanimous selection and the eighth recipient of the Olin Fox award is Ron Fox K9AKH - Olie's son. The plaque is inscribed: "For exemplary ser-



Ron Fox K9AKH (l) receiving the "Olie Fox, K9AKG Award" and a \$50 Gift Certificate from Lloyd Gorsiski WB9RGO Chapter President. Ron is the eighth recipient of this recognition and views this as a double honor as the award was established in his father's name.

THE JOURNAL IS AVAILABLE FREE
TO BLIND PAID-UP MEMBERS ON
AUDIO CASSETTE TAPE. FOR MORE
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Bob Flancher N9BF (l) the Chapter's newest member receiving his Chapter name badge from President Lloyd Gorsiski WB9RGO.

vice to Amateur Radio and his long-standing dedicated to community based communication support, the Southeastern Wisconsin Chapter 162 of the Quarter Century Wireless Association is pleased to present this award to Ronald Fox K9AKH. Ron's Amateur Radio activities have evolved around and through communication service to residents of Southeastern Wisconsin as witnessed in the untold hours diligently logged as QCWA



Believe it or not, this picture was taken during our Chapter Christmas Party and without prior planning, Ron Fox K9AKH and Ken Knoff N9NBC attended with identical Christmas ties. Happy Holidays!

officer, and the time, effort, energy, and expertise he has offered for the ARRL field day (QCWA sponsored), the annual Lutheran High Walk-a-Thon, and the Red Apple Elementary School Options program - Amateur Radio. Ron also volunteered his time and talents at the Racine-Kenosha Boy Scouts Emergency Preparedness Fair held in Burlington's Camp O-DA-KO-DA. The organization skills in planning and providing support for the community events listed above aided in this year's unanimous selection" In conjunction with this award was a Fifty dollar gift certificate from Amateur Electronics Supply. Congratulations Ron on a most deserved recognition!

Our November meeting was held at the Racine, Wisconsin Wustum Museum of Fine Arts. The meeting followed an extremely informative 45-minute tour of the Art on display. The meeting, in general, talked about a greater participation in community radio activities, and in part, with the research and purchasing of two new transceivers for the Chapter. One HF and one VHF/UHF units were recommended for purchase early in 2003.

The third Sunday in October brought the Chapter together for our Annual Meeting and Director elections. The nominating committee provided a slate of six candidates for four Director positions for our consideration. The membership elected Al Algiers, W9HR; Gene Haney, WB9ZKY; Ken Knoff, N9NBC; and Chuck Knotek, W9GKM. The four newly elected directors met with the remaining directors and elected, or I should say re-elected the current officers - Lloyd Gorsiski WB9RGO - President; Ron Fox K9AKH - Vice-President and Bob Jensen WØWLW - Secretary/Treasurer. I hope everyone had a most joyous and Merry Christmas; and I would like to wish each of you a Very Happy, Healthy and Prosperous New Year.

Larry McCalvy WA9JMO - Chapter Historian

Chapter 165, York County

The members of Chapter 165 held their annual Christmas party on December 14, 2002. Twenty eight members and guests dined at Alexander's Family Restaurant in York, PA. After a great meal a short business meeting was held. As is our custom the Christmas party is our annual meeting and awards ceremony.

We had planned to present a 60 year award to Richard Toomey W3JIF at the party, however Mr. Toomey became ill early in November and was confined to a assisted living facility. Our President Charles Arnold W3PRG traveled to the home after the dinner and presented Mr. Toomey with the 60 year award. The picture is: Mr. Arnold presenting the award to Mr. Toomey at his bedside.

After the business meeting we were entertained by a musical group that presented music of the 40's, 50's and Christmas music we all remembered. Also attending the dinner were some family members of the silent keys of our chapter. One was Shirley Strayer the daughter of Paul Stumpf W3AQN-SK. Shirley read the following poem about ham radio written by her father in 1935.

Dah Dit Dah Dit. Dah Dah Dit Dah

We learned to spell the code.

Then we built our set, gee what a load.
But never a moment, nor patience we shirked,
good gracious, it looked like junk but it worked.
The antenna was long, and than again too short.
Oh! drat it all, final instructions we bought.
Then we pieced it all together, it looked real well
It had to be, we followed instructions of ARRL.
A ham is not satisfied with what he alone has got.
His work is for others, he wants to help a lot.
Come let's look about us, I already see organized
ham leagues, are a gang of the ARRL family.

The next meeting of the chapter will be held February 8th at noon at the Meadow Hill Family Restaurant, 2935 E. Prospect Rd. York, PA. Guests are always welcome.

Ray Shaub W3AXC - Secretary/Treasurer

Chapter 166, Colonial

This Chapter continues to hold a Breakfast get-together the second Wednesday of every month at the Villanova Diner just East of 476 [Blue Rte] at 9:00 AM. We welcome new comers to QCWA in the area to join us.

Our Christmas Party was delayed one week this year to foul weather and many could not attend due to prior commitments, yet a good time was had by those who did attend. The President announced that the Board of Directors would meet in February to plan for the 2003 activities. We are still looking for a place to hold our luncheons held on the fifth Wednesdays. Anyone having some good program material should contact our President K3WAC Bud Davis 610-869-2960

We ask all our members to be on the lookout for new candidates for membership in our Chapter.

Members of the Board of Directors are Allen Bubeck K3GNM, James Faries W3AOA, Thomas Johnston Jr W3TDZ, Sam Thompson K3ST, Querino Sbei W3TTW & Charlie Stouth W3ZPP. Any of these people will be glad to assist you with information regarding the Chapter.

Charlie Stouth W3ZPP

Chapter 169, Sacramento Valley

Chapter 169 continues to hold monthly meetings at Carrows restaurant located at 4601 Watt Avenue in North Highlands, CA. The restaurant is situated on the west side of Watt Avenue just north of the Interstate 80 Freeway. Meetings are held on the 2nd Wednesday of each month.

During the fourth quarter of 2002 we saw a video on bio-terrorism which discussed various methods that could be used in biological warfare, had a presentation by Gary Stilwell, KI6T, on his June 2002 trip to China plus presentations on antenna analyzing with discussion on Smith Charts, Amateur Radio Satellite Repeater System and Satellite Tracking Program.

Our group starts gathering around 7 AM with a no host breakfast and our meeting starts around 8 AM. YL's are always welcome. For further information please

contact our President, Paul Wolf W6RLP, at (916) 489-8112.

Gary Stilwell, KI6T, Secretary/Treasurer

Chapter 188, Lost River



Carolyn Brooks AB7ET is presenting Ruth Schorr K7RFO with her Meritorious Award for the nine years of net control for the local QCWA net. She has been a very loyal and prompt net control and has surely earned this award.

The following is a short net report for the Journal: Greetings from snowy Klamath Falls in Southern Oregon. Our December luncheon meeting was held at Mike & Kathy's restaurant here in Klamath Falls as usual. We have between 16 and 20 members attending regularly, and out of 24 paid-up members, that seems like a pretty good group. Our chapter has lost one member as SK, Nina Price KB7RRO, and gained three members, Bob Baker W7STV, Hugh Brown WB7RBZ, and Ron Spears W7IX this year. There are many more hams in the area who qualify for membership, but to get them interested is the challenge. Here's hoping for a good year for us all.

Carolyn Brooks AB7ET

Chapter 196, Edison

Chapter 196 in Fort Myers, Florida, had a moment of silence to remember an old friend and charter member who recently passed away. Harry Arnold, K9ALX, was first licensed in 1955. He was an avid boater in years past and also ran a swap shop locally. Harry's humor and dedication to ham radio will not be forgotten.

There are now four officers of the Gulf Coast Amateur Repeater Club who are members of our QCWA chapter. Congratulations to President Ivan Davies, KF4WBN, Vice President David Penezic, WA4GUK, Secretary Stella Gurka, WB2FAU, and Technical Director and RCA Fellow Mike Gurka, K2UGH. Can you imagine the quality of leadership that this repeater club has in its management with well over 100 years of experience? Once again the QCWA is very proud to be able to provide support to another fine group of radio amateurs

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for their continued excellence in public service.

Our November, 2002, luncheon had special guests. We enjoyed the company of Larry Mc Calvy, WA9JMO, and his xyl Wendy, N9PAC. They were visiting the area and Larry spoke to us about an upcoming cruise to Alaska in 2004, which will be announced as soon as particulars can be firmed up. Larry was responsible for the very successful cruise in 2001.

It has been our policy ever since the inception of our chapter to always invite QCWA members and their guests to attend our luncheons. This attitude has allowed us to grow and prosper as an organization, while sharing our knowledge with non-QCWA qualified amateurs. Believe it or not, we have recently been criticized for having this open arms policy. There are some who think a QCWA chapter should close the door to non-QCWA people and just get along on the strength of our nationally paid up members. Our chapter has no annual dues. We never felt it was necessary, but perhaps the handwriting is on the wall. We have somehow allowed our group to be casually infiltrated by non-QCWA eligible hams and that has created a stir of emotions. This matter will be brought to the attention of the paid up members who represent our group in the near future. It will be voted on after this Journal is published. After all, if you get the Journal, you are paid up! I expect some debate, but it is my intention to move in the direction that our membership desires. I will have a full and fair report on this matter that will be part of our chapter report by the summer of 2003.

As a part of our report, we will be including an email address so that anyone who is interested in meeting us can get further information about our monthly luncheons. Please contact our Secretary Jan Scheuerman, WA2YL, at wa2yl@arrl.net or visit our chapter web site on the QCWA national homepage.

Tad Burik, K3QC, President

Chapter 202, Old Dominion



From left: Jim Tuckwiller AA4L; Bob Anderson K4UMK; Barbara Beckwith, xyl of next in line Charlie Beckwith K4BSF; the back of David Nance's head, W4SSE; Phil Roark, K4WFO, facing screen and pondering next slide; President Buddy Smith W4YE making a point about a past QSO; Dave Dunkelberger's right shoulder, W6MKA, now K9CJT; and the back of Nancy Post Mace's head. Nancy is the daughter of former member and SK Ken Post, WA8SAK.

August 03,2002

Old Dominion Chapter established a presence at the 2002 edition of the Roanoke Valley ARC's Annual Hamfest held at William Byrd High School in Vinton, VA on August 03, 2002.

We had a table all to ourselves this year and welcomed 14 registered guests and innumerable curious passersby. Seven Chapter 202 members signed in as well as 7 at-large QCWA members.

QCWA Headquarters sent the Chapter a CARE package consisting of caps to sell and ordering information for other QCWA products as well as a supply of brochures. You may order badges, golf shirts and QSL cards from the Secretary/Treasurer today if you wish.

There was no formal meeting.

October 25, 2002

Chapter 202 held a picnic/meeting at the home of Stan Reas K4UK at Smith Mountain lake in Moneta, VA at which 10 members and 11 guests participated.

President Bill Svec WA4BKW opened the meeting welcoming all who came out on this dreary afternoon. Stan Reas K4UK, performed the Secretary/Treasurer's duties in the absence of Charlie K4BSF.

All members present had paid their 2002 dues.

Bill Svec read from the latest Issue of the QCWA Journal those local amateurs who are new members of QCWA-National. These included: K1GG, K4IQ, WA6CRA (now K6CRA), W4EOF. The Secretary will invite these folks to the next meeting.

Buddy Smith presented Bill Svec with the framed Charter of Chapter 202 for his safe keeping while he is the President of the Chapter. Buddy also passed out copies of the list of the charter members of Chapter 202.

Bill Perkins KC4D noted that Buddy Smith W4YE had placed 5th in the Spring 2002 QCWA QSO Party.

Stan Reas K4UK reported on the results of the WW2DDM operation on June 8, 2002. He also pointed out that a picture of the QSL card and a short write-up of the activity appeared in the November Issue of QST on page 20. This occurred as a result of the publicity efforts of Chapter 202 member Larry Stanecker WA2OLP.

Bill Perkins KC4D, reported that he participated in the operation of K4P on September 11, 2002 remembering the events of the 9/11 terrorist attack on the pentagon. He made 150 contacts on CW. The sponsors will probably make this an annual affair and that they welcome participation by amateurs in the area. Bill suggested that the Chapter offer its support and actively participate in next year's operation.

Following the meeting Stan Reas displayed two of his small QRP rigs. A lively discussion/demonstration of various QRP rigs ensued.

Chapter 204, Honolulu Chapter

Ah it must be winter, somewhere. I know because the QCWA Journal for Fall Arrived only a few days AFTER the deadline for the next Chapter reports, Oct 1, 2002. Mail to Hawaii is slow compared to the Golden Plovers who reliably fly between Alaska and Hawaii to

follow the good weather. There is a lesson in that for YOU. The QCWA members who choose to live in the foul air, sand flea, fire ant, ice and snow in the other 49 States. The air in Hawaii is always clean, the sky blue, the flowers in bloom, and the air WARM. Always!

We meet for Breakfast on the last Friday of every month. 0800 at the SIZZLER Restaurant at Pearl Ridge. It's on Moanalua Road near the intersection with Pali Momi and you can ride "The BUS" the Honolulu city bus for \$1 within a block. You'll recognize the table full of old Gentlemen and Ladies who look like HAMS. You know the look. Welcome to Honolulu, escape from winter. Welcome to our meetings.

John KIER - Secretary

Chapter 205, Eastern Indiana

We have had a productive summer including some triumphs, some joys, and sadness. Now that we have nearly everyone at the Extra Class level, the interest has turned to getting everyone signed up as a volunteer examiner. We seem to be pretty close to that objective, and will be in good shape to assist in the examinations to be given locally in October. The enthusiasm being generated in getting qualified as a VE will likely be eclipsed only by the excitement of making it possible for some newcomers to get their licenses at the coming exam session.

A high degree of participation was had at what is becoming the annual special event station K9D at Dougherty Orchards near Cambridge City, Indiana, on the last full weekend in September. The event raises funds for the Ronald McDonald House, from which the title of the event is drawn: "McMaze Indiana 2002." The weather was a bit out of keeping with being the last weekend in summer in that we had temperatures more in the mid-60s, but the cool weather did not diminish the enthusiasm of the operators. This year's activity added 20M to our usual 40M operations, and it looks like we will be active on both bands next year. The QSL card shows a picture of the maze for the current year, making it possible to acquire a collection of these special cards over time.

On a more somber note, it is with great sorrow we note the passing of Dorothy Fox, KB9JRO, wife of member Lloyd Fox, K9KY, on 13 September 2002. Dorothy had been in poor health for some time. The Chapter was well represented at her funeral on the 17th. We hope to be a source of support for Lloyd in the days ahead, knowing our friendship cannot fully fill the gap left by her passing.

Our chapter is looking forward to the new year in several respects: Ron Stier, W9ICZ, will be teaching a class for the Technician Class license this winter, and the VE team will have another opportunity to conduct a testing session when the classes have been completed. We are looking for additional activities, and have been discussing some possible special event activities that would permit the use of our chapter call (W9QCW) for something in addition to checking into the weekly Sunday 20 meter net. Our chapter president, Herb

McAdams, N9XC, usually uses the call to check in, so it does get some use, but an actual special event in connection with one of the regional festivals would get some good publicity for amateur radio and QCWA. Much as we like our monthly breakfast meetings, a special event of some sort looks like a definite thing in 2003.

The past year has certainly had its challenges for our group. Lloyd Fox, K9KY, who lost his wife as reported in our last report, had begun riding a moped and getting quite a kick out of it until he took a spill and severely injured his right thumb. He has been healing up well enough to get the pin removed and just a few days ago noted he was back on CW again, so things are looking up. Patty McAdams, wife of Herb McAdams, N9XC, had a pretty severe fall a few weeks ago, suffering a broken right arm and damage to her shoulder as well as a broken nose. She is healing up now, and is being tested to determine why the falls have been taking place. My wife Susan continues in treatment for breast cancer, and will be completing a round of radiation therapy in early January before getting back into chemo again. Dick Sears, NN9V, has had some health concerns too. We are hoping that 2003 holds better times for our group.

I recently had the misfortune of having my radios for 10M and 2M stolen from my car, right in front of my house. I urge everyone having a mobile installation to get coverage on your radios so that such an event won't be the upsetting experience it can be if you are relying on household coverage and face a deductible that leaves you with no ready way to replace your equipment. You can imagine my surprise and delight when my wife got me another HTX-10 and a mini 2M HT for Christmas. One of these days I hope she will take the classes to get licensed, but for now the cancer treatment seems to be keeping her from being able to focus well enough to be studying. The versatility of an HT over the old Kenwood TR-7625 leaves me thinking I have come out ahead despite the feeling of violation that comes from having my equipment stolen. A neighbor had tools taken from his truck that same night, so we know the thefts weren't anything personal!

We invite anyone passing through Wayne County to contact us and would be delighted to have you join us for one of our monthly meetings. With Richmond being served by I70 and US40, consider giving us a call. Someone is usually monitoring our local repeater on 147.270+ or 146.94 simplex and can provide more details.

John F. Strain W9MIU - Secretary/Treasurer



April 1, 2003

RANDOM RECOLLECTIONS OF AN OLD HAM

(A journalistic history of the life and times in Amateur radio of George Hart, W1NJM)

The WLM Fort Myer operation and a visit to a burlesque show.

At Fort Myer, two transmitters were used for WLM. One of them, at about 400 watts, was used exclusively for AARS on 3497.5 (WLM) or 3680 (W3CXL). This transmitter was designated M and was not a commercial make but had been built by Ed Day. I was impressed at the rack-and-panel construction and Ed's obvious familiarity with construction techniques. In retrospect, it seems strange that he was only a private, but this was a peacetime Army and I wasn't familiar with rank designations then. The other transmitter used for WLM was a commercial make rated at 1000 watts. It was used by WAR during the day but available for WLM at night. This transmitter was designated L. These two transmitters were in a corner of a room containing a vast array of more powerful WAR transmitters used for official Army dispatches to points all over the ZI and world. WLM was devoted entirely to AARS and handled no official Army traffic. Communication between the operating, transmitting and receiving sites was undoubtedly available by telephone, but for frequency-changing purposes a telegraphic horn was used. On my first visit I was very conscious of this horn blaring away, sending things like CW, A56, which meant nothing to me, but occasionally a worded message was sent. I was told that each transmitter at Fort Myer had a letter designation and was capable of being tuned to certain frequencies designated for regular Army (WAR) or AARS (WLM) use. If the operator at WLM wanted a transmitter on 6990, he would go to the horn position and send L69, then back at the operating position he would tune the receiver to 6990 and hear the transmitter being activated. Ed Day told me that occasionally, when they were having trouble reaching WVQB in Hawaii, they could get one of the higher power transmitters on 6990. The M transmitter was used exclusively for AARS. The L transmitter was used for WAR in the daytime, WLM at night. All the others, from 1 to 10 kw., could be tuned to 6990 if needed and if available.

Once during a visit to Washington I was invited to stay to observe an evening of operation at WLM, including a meal at the mess hall. It was a most interesting experience. I not only observed the operation but actually operated WLM/W3CXL (probably against the rules). In between schedules I sat around jawing with the operators and wandering around observing some of the WAR operations. Most of the positions were closed down, but several were still operating. WLM was about the only position that was operated manually. The rest used tape - white, 1/4-inch tape, which flowed rapidly, down a channel in which the Morse Code signals being received at almost unbelievable high speeds (over 400 w.p.m.) were recorded in a squiggly line. The tapes were later run through another channel at a slower speed and deciphered, some in five letter code groups, some in plain language. I say a "slower" speed, but by this I don't mean low speed. Some of the veteran operators

could "copy" it at speeds up to 90 w.p.m.. This was strictly visual copy from the code recorded in squiggly lines, not the audible code to which I was accustomed. It was called "reading slip," and I noticed that most of the operators wore glasses, some of them thick. "Reading slip," a lost art after RTTY and other methods came into use during and after WWII, was murder on the eyes. An amusing aside, in connection with these Washington trips having nothing to do with amateur radio: one of the customs observed during one of the evenings while in Washington was attendance at the Gayety Theater, a popular burlesque institution in the Washington area for many years. "Pop" Crossley, while pretending to disapprove, tried to give the impression of tolerant indulgence and not only allowed us to attend but insisted on going with us, "to keep you out of trouble." After about my third trip to Washington with the staff I began to suspect that he enjoyed these outings more than we did, so we entered into a conspiracy to show complete indifference and a preference for some other type of activity.

"I suppose you'll want to go to the Gayety tonight," he said, grinning at us. "I don't care anything about it, but if that's what you want, I'll go along."

It was hard to keep from convulsing when his face fell as we unanimously expressed disinterest and suggested attendance at an opera or some other kind of more dignified entertainment, or going to bed early.

"We've gone to the Gayety every year we've been down here," he said. "Of course I don't care anything about it, but if some of you want to go, I'll tag along."

In the end, we all went to the Gayety, giving the impression we were yielding to his wishes rather than the other way around. It didn't set well with Gil and he made some derogatory remarks in a jocular tone about our basic manhood. Baiting Gil Crossley became a popular pastime among the Radio Station Staff during my years at Penn State. His wife was a buxom woman, mother of three children, one of whom acquired his ham license and became an acquaintance. Mrs. Crossley became known as Gil's "battle ax" because of her many visits to the station to get Gil to come home. I remember one afternoon at the station when I looked out the window and saw Navonne Crossley waddling up the boardwalk. Gil was in the workshop, so I called out, "Hey, Gil, here comes your battle ax!" Mrs. Crossley burst in the door and grabbed me by the ear.

"I heard that, George Hart!" she cried. I apologized laughingly. Navonne wasn't amused, but the incident started Gil laughing and soon she joined in.

My senior year at Penn State was one of debauchery and fits of depression about my lost love, otherwise it might have been pure fun. The Liberal Arts curriculum was much easier for me and I graduated with my class in June of 1936. But the depression was still on and there were no jobs, so the debauchery and mental depression continued into the summer. I con-

tinued operation of W3NF in Ed's third floor apartment at the farm. With my departure from the State College scene the fortunes of WLMA waned, but Ed and I continued operation in the AARS from W3NF/WLML I worked part time for my mother at the farm, spent a lot of time in Ed's third-floor apartment, went out drinking and chasing women almost every night. It wasn't a good time, and I despaired of my future.

As fall approached, still jobless, I started thinking of the possibility of continuing my education. I consulted my former adviser at Penn State to explore the possibility of entering the graduate school as a candidate for a master's degree. He expressed approval of the idea but suggested I attend some other institution, because it was policy to discourage "in-breeding." He suggested the University of Michigan as having a superior English department and an excellent master's program. I didn't much like the idea of being away from the familiar Penn State scene, but after a family council regarding finances, and Dr. Gates's promise to pave the way I decided, without enthusiasm, to seek my advanced education in Ann Arbor.

But the scene at Ann Arbor was far different from that at State College. The environment was more urban, the campus spread out through the city, the sprawling metropolis of Detroit a mere 40 miles away. I took no amateur radio transmitting equipment with me and sought in vain for an active amateur radio facility at the University. All I had was Ed's old SW-3 receiver, and this I set up in my room on Catherine Street with an antenna around the ceiling molding. Every night I would listen for W3NF, who would send "blind" letting me know of any developments at home.

You must realize that in those days, the mid-thirties, one did not simply spin a telephone dial to connect immediately to your distant party. Such calls had to go through a special operator who sought connections along the path, and they were very expensive. I don't recall ever, in my entire 6-year college career, making a long-distance call home. Contact was with Ed by amateur radio, or by letter. I had a friendly roommate on Catherine Street and we later moved to a boarding house on Monroe Street where I made many friends, but the 5-month period at Ann Arbor was probably the longest hiatus in my entire 74-year (as of April, 2001) amateur radio career - except for 2-1/2 years in military service during WWII. More later on that later.

I did come home for Christmas vacation, leaving my car in Ann Arbor in dead storage (students, even graduate students like myself, were not allowed to have cars). It was a long and arduous trip by rail, and I almost decided not to go back; but after consulting with my mother and Ed it was decided I should finish the semester at Michigan, then we would decide on the future. So back I went, again by rail (there were few or no commercial air routes). I took the "Black Diamond" express sleeper on the Lehigh Valley Railroad from Easton to Buffalo, where I changed to the New York Central across the Canadian peninsula to Detroit and Ann Arbor. There I attempted to continue my graduate studies with little enthusiasm, but by the end of January, as final exams started taking place, I was so fed up and discouraged that I got my 1930 Willys out of dead storage, packed it with my belongings and headed east via Toledo and Cleveland, back to State College.

I can't describe my feeling of elation as I entered the borough limits on West College Avenue, then PA route 45. It was

a homecoming. Before I even went to my fraternity, where I had lived for my four undergraduate years, I stopped in at W8YA and there I found Gil Crossley in the little workshop. He greeted me with enthusiasm and seemed delighted at my stated intention to seek entrance to Penn State's Graduate School. The place looked exactly the same as I had left it five months before. Crossley said the new crop of freshmen on the staff had been unimpressive, not a good CW operator among them, and he hoped my return would buoy things up. When I checked in at the fraternity I found there were a couple of vacancies. The new prexy had been a protégé of mine and invited me to move into his room. All feeling of depression and homesickness vanished as I greeted my undergraduate fraternity brothers and many other friends, all of whom seemed very pleased at my return. Dr. Gates, although a little disappointed at my failure to gain graduate credits at Michigan, promised to help me get into the Graduate School, and this was forthcoming with some reluctance on the part of higher authority who, for reasons I couldn't understand at the time, still preferred graduates from other colleges and universities, and wished Penn State graduates to attend other institutions - for "broadening." I did not wish to be "broadened" in that manner. I was a country boy with an intense dislike for the noisy, confused distractions of city life.

My status at W8YA became one of unlimited privilege and high respect. Crossley made me graduate manager, replacing Walter Hawk who had attained his EE degree and gone on to a lucrative job in industry. I was held in high respect by the rest of the Radio Station Staff, about 17 in number, and by my undergraduate brothers in the fraternity. The academic picture was a little less gratifying, because I had to take a number of English literature and other non-composition courses I had little stomach for, but I managed to get by them all and made top grades in my composition courses. The Penn State environment was a most familiar one and I was content. I had also developed a better social presence in the company of Louise Stebbins, a junior co-ed who eventually became my wife. The blight of the unhappy love affair in my last two undergraduate years was still with me, as were the bad habits I acquired because of it, but now it surfaced only occasionally and I felt more a whole person. By the spring of 1938 I had achieved all the requirements for a master's degree except the final thesis. This I undertook that summer, partly at Penn State, partly at the Library of Congress in Washington, partly Louise's home in Coudersport, partly at home on the farm.

This is supposed to be the story of my amateur radio career, but it cannot be told adequately without explanation of other facets of my life. The AARS involvement continued after my return from Michigan, both from the farm and from W8YA as I worked to acquire a master's degree in English composition. It was a period full of a sense of achievement accompanied by normalcy as I acquired, perhaps a little late, the traits of mature manhood.

W1AW AND ARRL

During the summer of 1938, while at State College, I came across a document entitled "Annual Reports of the Officers and Directors of the American Radio Relay League, June, 1938." Gil Crossley was an assistant director of ARRL and on the mailing list for this document. It was a fairly thick mimeo-

graphed booklet and most of the reports were of little interest to me, but I read avidly the "Report of The Communications Manager" in which he (F. E. Handy, W1BDI) described progress on a new Maxim Memorial Headquarters Station being completed in Newington, CT. One notation of particular interest was that they would be hiring a new operator when the station began operation in the fall.

I assumed I was not eligible because I had only a Class B amateur license and surely a commercial license would be required. However, the description of the fantastic array of kilowatt transmitters and the 7-acre antenna farm so fascinated me that I thought what-the-heck, I'll give it a try. I wrote Mr. Handy a letter expressing my availability and eagerness. Back came a lengthy letter by return mail saying, in effect, that he knew all about me (astonishing) and felt I had all the requirements except one: a Class A license would be required. But he assumed that with my experience and expertise this would be no obstacle. He suggested I pay them a visit, stopping on my way in New York to take the Class A license exam, and that I come with the expectation of staying. The salary would be \$22 a week, subject to a raise in 6 months if my services were satisfactory. Even in 1938, \$22 a week was close to a starvation salary if there was no other source of income, but I cared nothing for the money; I was sure my mother would supplement it as and if necessary.

It was early August, 1938. Mr. Handy sent me a copy (free) of the ARRL license manual and I started boning up on the Class A questions. I had already passed the 10 w.p.m. code test (with "one hand behind my back") but the technical questions were a different matter. I was so worried that I spent long hours memorizing the answers and entered the Federal Building in lower Manhattan in "fear and trembling." The test, much to my astonishment, consisted of questions worded exactly the same as in the License Manual. Having memorized the answers, I breezed through it. I'm sure I made 100%. On to Hartford!

I had never been in New England before, so the route was unfamiliar. Somehow I managed to get on the Merritt Parkway, which then was completed only as far as Westport, and the spanking new roadway was enshrouded in a dense fog. I had to creep through Bridgeport and New Haven on U.S. Route 1, and when I arrived in the northern outskirts of New Haven it was 11 p.m. I stopped at a diner for coffee and pondered whether to continue the journey in the fog or hole up at a motel for the night. It figured to be only an hour's trip to Hartford on U.S.-5, but it had been a long hard day and I was exhausted. Nevertheless, I decided to continue. The fog became less intense as I went inland but still made progress slow. Finally I saw a sign pointing to Newington and West Hartford and took the side road, figuring I could find a hostelry of some kind and be nearer my place of work in the morning. It was already after 1 a.m. and I became completely lost, and saw no sign whatever of any motels or hotels or "tourist home." Finally I drove toward the brightest lights, made increasingly evident by the thinning fog, and found myself in downtown Hartford. It was nearly 3 a.m. and the streets were deserted, but still I saw no hotel signs as I wandered aimlessly around. Finally, down a side street, I saw a sign: "New Savoy Hotel." I turned down the street and parked my open Willys roadster on the street in front of the hotel, grabbed my suitcase and wearily

lugged it inside. The New Savoy was by no means the best hotel in Hartford, as I perceived the minute I entered it, but I was in no mood to be fussy. I went to my room, which looked out over Trumbull Street, ran the tub full of water after staring down a roach who peered at me out of the drain, took a bath and hit the hay. It was 3:30 a.m.

I awoke the next morning to the rumble of trucks and honking of horns on the street outside and discovered it was 10 o'clock. After becoming fully awake, I called Mr. Handy at the Headquarters offices in West Hartford. During the ensuing conversation he must have cleared his throat at least 20 times, one of which was preceded by a silence when I told him where I was. Yes, he knew where it was, but I sensed a prim disapproval. He proposed to come down and take me to lunch, after which we would see if we could find a place for me to live. He arrived shortly after noon, took me to his house on Brookline Drive in West Hartford where we were served lunch by Mrs. Handy, after which we sat perusing the morning Courant "Rooms for Rent" section. We then boarded his old Oldsmobile sedan and visited several potential addresses, all of them private homes, all of them at prices too high for me. Imagine paying five dollars a week just for a room to sleep in! I had three dollars tops in mind, but there appeared to be nothing of this nature available, at least not in any section of town Handy considered suitable.

Our final visit (I could sense Mr. Handy's growing impatience) was to a house on Annawan Street in Hartford where Hal Bubb, W1JTD, lived. This was not on the list, but Mr. Handy thought she might have a vacant room, since it was a big house. Hal was not at home, but we met Mrs. Allen, a very gracious widow lady perhaps in her sixties, who said she did indeed have a vacant room but it was her guest room and she had not intended renting it. Mr. Handy talked her into it, assuring her I was a person of good family and would be working with Hal, who Mrs. Allen apparently held in great esteem. She proposed four dollars a week, the same rent Hal was paying. The room was just across the wide corridor from Hal's, on the second floor facing the street. The rent was still higher than I wished to pay and the room was not so nice as the ones we had inspected in West Hartford, but I decided to take it. I paid her for a week in advance and the fully furnished room was mine.

It was then back to La Salle Road in West Hartford and the League's headquarters since 1931. They had at first rented only the second floor. The first floor was a bowling alley (duck pins) and members of the staff often bowled there during the noon lunch hour; but the bowling establishment didn't last long and the League then took over the first floor and basement and now occupied the entire building. The Circulation and Shipping Departments occupied the first floor, along with the front entrance and reception foyer. The second floor housed the general manager's office and staff, the Advertising Department, the Communications Department, the Technical Department and the lab. Mr. Handy introduced me to Assistant Communications Manager Ev Battey, W1UE, and other members of the staff, including stenog Lil Salter, and left me to chat with Ev, whom I had never met in person but many times on the air, while he finished up some work at his desk, then gave me a personally conducted tour of the building dur-

ing which I met Technical Editor George Grammer, W1DF; and his staff Don Mix, W1TS; Byron Goodman, W1JPE, Vern Chambers, W1JEQ and Tom Ferrill, W1UI, with whom I later played chess at his room on Selden Hill. (more on Selden Hill later). In the "front office" General Manager and Secretary K. B. Warner, W1EH, was momentarily absent but I met A. L. Budlong, W1JFN, his assistant. Advertising Manager F. C. Beekley, W1GS, gave me a typically hearty greeting. Down on the first floor I got an even heartier greeting from Arthur Hebert, W1ES, the League's treasurer who expressed great pleasure at welcoming new young members to the staff. Circulation Manager David Houghton acknowledged my presence with a curt nod, but I found him later to be one of the most congenial staff members. QST's Managing Editor Clark Rodimon, W1SZ, stood up to shake hands.

I was familiar with most of these names before coming to headquarters, from having seen their names in QST, but meeting them in person was awe-inspiring and I began to look forward to further acquaintanceship.

The attention I received on that first day was not over. Mr. Handy then took me out to Newington to visit the new W1AW and meet my immediate boss, Hal Bubb, W1JTD. Hal greeted me warmly, then he and Hal went into earnest discussion about the equipment, which was in the last stages of assembly while I looked in awe at the row of black crackle relay racks housing four kilowatt transmitters, each with its own power supply, each crystal controlled using Biley X-cut crystals ground to frequencies which would be used by W1AW. The final amplifiers were different for each transmitter, tubes having been donated or provided at big discounts by manufacturers eager to have them used in the all-new W1AW transmitters. On 160 meters, a pair of RCA 204A's running at 500 watts. On 80, push-pull HK354's at a full kilowatt. On 40, Amperex HF200's, and on 20 Eimac 250TH's. The 10-meter kilowatt transmitter was in early stages, not expected to take the air for the early September grand opening, but would use a pair of RCA 806's. The six relay racks (by Budd) were spaced two-by-two near but not against the back wall of the building and were completely enclosed with interlocks on the back doors of each and a "Danger High Voltage" sign that came on whenever the doors were opened. One of the six racks housed the 500-watt class B modulator using Taylor 822 tubes, switchable to the 160, 80 or 20 meter transmitters by large 3PDT knife switches. The operating position faced the fronts of these six racks from a distance of perhaps 12 feet and contained the HRO receiver and a small panel of toggle switches to control each transmitter. To the left of the operating position were two more 6-foot relay racks to be used for additional equipment in the future. All control wiring was under the floor, giving the main operating room a neat and clean appearance.

Hal also showed me the rest of the small building. On the north side was a small workshop which could be used for minor repairs, but major repairs had to take place in the AARL lab in West Hartford, about 5 miles away. Adjoining this workshop was a small waiting room equipped with a sofa bed, table and album of W1AW memorabilia, the purpose being for visitors wishing a tour of the facilities to await the operator's convenience. On the south side of the building was a garage in which the operator's car could be parked to keep it out of foul

weather. On the ceiling of the garage was a retractable ladder to access the attic in which was stored some of the equipment salvaged from the former headquarters station, W1MK, at Brainard Field in Hartford, which had been ruined by flood waters in 1936. In the front of the building was the memorial lobby, which would house a large memorial dedication plaque to Hiram Percy Maxim, the founder of ARRL and its first president. Visitors would enter via this door, shown the memorial plaque and asked to wait in the waiting room until the operator could show them around. The front door faced Newington's North Main St, down an embankment with a paved entrance road and parking space on all sides of the building. There was also an access door in the back into the workshop. The manually controlled garage door was normally kept closed and could be opened only from the inside.

Coming in the next installment: The W1AW "antenna farm" in the seven-acre field in back of the new headquarters building.

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A Serendipitous Life

- by J.L.Whittaker KUØD

I have had an interest in radio since as far back as I can remember. I was born in 1922 at the beginning of the era of commercial radio broadcasting. My mother often told the story of my prenatal days when she and my dad would take the streetcar to the home of a fellow railroad man and share earphones listening to radio stations on a crystal set. She was not impressed with either the "diddling" of the sliders or the "scratching" of the crystal, which, on occasion, resulted in a meaningful sound.

When I was a child (that was during prohibition) house parties were often held. At one held at our house in, I believe, in 1928, when I was six years old, my dad rented a broadcast receiver from a local furniture store. It had a big horn loudspeaker, and was powered by several big batteries - including one that I recall, if abused, might damage the rug.

As I recall the story, my Dad might have bought that relic, but one of those in the family circle was a salesman in a radio store and advised my dad that he should buy a state-of-the-art Atwater Kent, I believe it was a Model 60, which his store had available. So, in 1929, we had a Model 60 Atwater Kent in our house.

I remember that Atwater Kent well. It had a beautiful spindle legged cabinet with sliding doors which were interconnected such that left and right doors closed simultaneously. Besides the local stations, of which there must have been five or six in those days, stations from far away places were tuned for, listened to, and logged. I remember in particular a station far to the south in Mexico, XERA, which was especially important. As I recall, the studio for that station was in Del Rio, Texas; but for some reason or other the transmitter was in Mexico.

My Dad installed an antenna for the Atwater Kent. It ran from the chimney on the roof of the duplex in which we lived to a huge tree in the back yard that also supported my swing. That antenna apparently served its purpose well as we were able to receive XERA, KDKA and other "DX" stations, but it had been installed with little slack and one night we experienced a strong windstorm, the tree swayed in the wind and pulled down the chimney.

I took note of the evident workings of that Atwater Kent, and, as opportunity presented, I decided to build a counterpart. I, of course, knew nothing about what it took to make a radio receiver, but I knew that it had knobs, and the knobs were what made it do its thing, so I set out to find the necessary knobs.

In those days - the late 1920's - most everything liquid was sold in glass bottles, and the stoppers were corks, many of which were quite fancy and had the appearance of the knobs on the Atwater Kent. They were easy to find in the "dumps" in our area and I picked out three for my project. I cut holes in a shoe box to install the "knobs" in a configuration as on the Atwater Kent, and fastened a "fan" dial on the center knob, again, as on the Atwater Kent. I knew that something more was required, but at 6 years old that was about as far as I could

go with my "home brewing".

When I was eight years old I was given a couple of cast-off battery radios of early 1920's vintage by my grandfather, which was the first in a long series of serendipitous events. I never did make them work (who could afford batteries in 1930?), but in disassembling them I became aware of the nature of the components used in the art. By 1936 (when I was 14 years old) I was building rather sophisticated (regenerative TRF) "short wave" receivers, and recall especially the calls of the big guns on the 20 meter phone band, as W4DSY, W3MD, W1JFG, W5BDB, W5DEW, W6AM, KA1ME, K6MVV, G5NI, G5ML which I heard often on those home brewed receivers. Unfortunately, I didn't have an "Elmer" and as I recall, the FCC test questions were essay type and the code speed requirements had been raised to 13 WPM; so, despite my early awareness, I was 17 years old before I got my ticket.

I was first licensed in September 1939 as W9DYH. This call was changed to WØDYH when the zero district was formed. Subsequently, and as a result of long distance moves, my call became K3RJG (1960 to 1967), then W4UPF (1967 to 1982). I operated for 10 years in Montreal as W4UPF/VE2 (1972 to 1982) while employed as a member of the Secretariat of the International Civil Aviation Organization, which is headquartered in Montreal. My current call sign is KUØD, which I received in 1982.

I had cut my radio eyeteeth working in a small neighborhood radio shop afternoons and Saturdays while in high school, even before I became a ham. Work there was primarily home radio repair, although with increasing prosperity in the late thirties, auto radio installation and repair became the mainstay. Our shop sold and installed the Motorola line, which had six models ranging in price from \$19.95 to \$69.95 plus installation, which ran around \$3.00 plus the antenna. Custom fit units became available just before the war, but they did not come with the automobile. They had to be purchased by the automobile owner and installed by other than the auto dealer, i.e., our small shop. Motorola also made those custom fit models.

My opportunity to work for the Golden Rule Department Store came in 1940 as a result of older radio service men moving into defense-oriented activity. I was in our local parts emporium, The Lew Bonn Company, one day and overheard Hank Gerner, the proprietor, telling a fellow customer that the Golden Rule was looking for a radio serviceman.

As I was only getting \$0.15 an hour in the neighborhood shop where I was working, my ears perked up to get the details and then I dashed home to change into my "interview" clothes. I was back downtown and in the Golden Rule being interviewed by Art Haukbahn, the head of radio/appliance service department, within the hour, and was hired as a full time radio service man at about \$30.00 a week. I believe the reason I was hired was my answer to his question regarding the "fix" for a noisy volume control. I had learned at the neighborhood shop the technique of prying open the case of the noisy con-

trol, squirting in a little "Lubriplate" lubricant, working the control a few times, and, voila, no noise. I still repair a noisy control using the same procedure on occasion.

One interesting thought regarding my experience at the department store comes to mind. That is with regard to the fact that loop antennas were again being introduced into console broadcast receivers. This was in the days before ferrites, so the loops were large, maybe about one by two feet, and occupied the entire lower part of the console cabinet. The virtue of the loop antenna was that an external (wire) antenna was supposedly not required and wire antennas had become a nuisance. However, pickup on the loops was poor inside the store building so the salesmen could not demonstrate this great virtue. What to do?

Well, the manager of the department had the bright idea to install "transmitting" loops between the studs in the walls of the demonstration rooms. These loops were matched to a transmission line connected to a huge dipole antenna on the roof of the seven-story building. The results were fantastic and the potential customers were really impressed. Those new built-in loop antennas really worked! Installing those loops in the walls was one of my first job assignments at the department store.

In the year or so before December 7th and facilitated by my income from my new job in the department store, I had upgraded my ham station with a new all band transmitter (59 eco, 6L6, 807, 809) and a new receiver (a Hallicrafters SX-24). I spent most of my operating time on phone, principally on five meters. As I recall, on Dec. 7th, 1941 I had 14 states worked on five, including cards from: W1AEP, W1AVV, W1HDQ, W1KLV, W2BYM, W4FBH, W4FKN, W5AAN, W5AJG, W5ATH, W5EYZ, W5HTZ, W5JXS, W7ACD. Some of the locals on five in the Minneapolis/St. Paul area at the time were: W9FFV, W9BRC, W9DWU, W9QIN, W9TOZ, AND W9ZWW (from my November, 1941 log pages). I ran about 40 watts output on five, doubling in the 809 final. For receiving I used a converter (1851, 6K8) ahead of the SX24.

On December 7, 1941 I was 19 years old and my call was W9DYH. I was attending the University of Minnesota as a freshman in Chemical Engineering. I was also working part time as a radio serviceman at the Golden Rule Department Store in St. Paul, MN.

It was the afternoon of December 7, 1941. I had been to visit a close friend, Dale St. John, W9BRC (now W6BRC), to see a miniaturized, all band, portable transmitter that he had built in cooperation with the St. Paul, MN, Radio Club. We had become aware of the Pearl Harbor attack during my visit and had realized immediately the implications of that news, both in so far as its effect on our personal lives and on amateur radio. Indeed, a few months later we were on a train together headed for the Great Lakes Naval Training Center as Radio Technicians 2nd Class. However, that is another story.

Members of the St. Paul Radio Club had often talked of the potential impact on amateur radio of the United States entering the war. Within the Club there was a group of Emergency Corps. members who had made plans to provide Red Cross and other public service communications should the U.S. become involved. One aspect of those plans involved the building of portable and emergency communications equipment, in which Dale had been participating.

I was at home after visiting with Dale and as the afternoon wore on, the impact of the attack started to be felt on the ham bands and conversation became more and more pessimistic. The trend of opinion was that amateur radio operations were certainly going to be restricted and maybe curtailed entirely. Ultimately, while tuning the 75 meter phone band at 4:45 PM (CST), I heard an official QST broadcast from W8SLY. It read:

"All amateur communications to stop immediately. Special order FCC."

This was followed by a request to all stations hearing the message to rebroadcast it.

This was the somber news we had been anticipating. As the message did not appear to have been heard yet on 160 meters, I tuned up the rig on that band and rebroadcast the message from 4:50 to 5:00 PM. I had one additional QSO with W9JIE (now WØJIE), a member of the St. Paul Radio Club's emergency corps., who confirmed the message as authentic. Then, the big switch was pulled. W9DYH was off 160 meters and QRT for the duration!

December 7th brought a great change to my life style. Short wave listening didn't have the attraction of an earlier era. A reporter from a St. Paul newspaper offered to buy my SX-24 at the price I had paid for it (about \$70.00) so it was sold. As with the log pages after December 7th, life became blank!

However, the ARRL attempted to stimulate interest in such esoteric communication means as induction field communication that, all things considered, seemed the way to go. I had a "long wire" antenna (60 feet high with 80 feet of flat top) which I made into a giant single turn loop by dropping a wire from the far end down to ground level and looping it back to the shack.

To this I fed the output of my modulator (a pair of 46's) using a receiver power transformer for matching to the loop, with the otherwise high voltage winding as the primary, and one of the filament windings as the secondary feeding the loop. The signal source was wide band from phonograph records (The Beer Barrel Polka was probably among those records used).

For receiving I made a loop four feet on a side of many turns of very fine wire probably obtained from another power transformer. (We called it "horsehair" wire in those days). The output of this loop was fed into what had been the speech amp/modulator of an all band portable rig, modified to drive a loudspeaker for the experiment. Power was provided by a storage battery and a vibrator power supply. All was loaded in a coaster wagon to explore the nature of induction fields around the neighborhood.

As there was no filtering in this "receiver" system, 60 Hz pickup from the power lines was a problem; however, within a few hundred feet of the transmitting loop the recorded music came through loud and clear. We set out to explore the radiated pattern and, interestingly, we found that broadside to the transmitting loop the maximum signal pickup was obtained with the receiving loop laid flat on the ground. On the other hand, off the ends of the transmitting loop the maximum pickup was obtained when the receiving loop was in a vertical plane in line with the plane of the transmitting loop. We never took



those loop experiments beyond these initial activities, but I'm certain that by filtering out the 60 Hz interference and using single tone transmission (vs. the broad banded, phonograph record, approach we were using) we might have succeeded in establishing viable communication over a considerable distance.

As concern for our future increased as a result of the war, the draft, etc., our interest in the "shack" and related activities waned. By late spring it became obvious that it would be wise to take advantage of some of the enlistment inducements that were being offered. Thus, Dale St. John, W9BRC, and I enlisted in the Navy with ratings of Radio Technician 2nd Class (RT-2/C) (the ratings were due to our being licensed radio amateurs) and a few months later we were on our way to Boot Camp at Camp Green Bay (Company 1362), at the Great Lakes NTS.

After Boots, we were transferred together to Company K, Naval Armory, at the foot of Randolph Street in Chicago, for what was called "Pre-Radio" training and where a first order sifting took place. I, probably by virtue of my recent schooling, had the opportunity of tutoring students in the math problems that were part of the Pre-Radio course. Many of those problems were quite complex, as, for example, finding the resistance across the diagonal of a cube of resistors. Capt. Eddy, whom I understand was responsible for setting up the curriculum, was intent that Navy Radio Techs should understand all they knew about their chosen field!

From the armory we were transferred to Texas A&M for three months of forced draft instruction in radio/electrical theory. This was a fantastic experience which provided the opportunity in a college-like atmosphere to learn enough to understand a little of what we knew of the subjects. The stakes were high; and, although "lights out" was at 11:00 P.M., and there were checks to ensure that all lights were out, students would study in bed with flashlights under the covers. We learned how to compute the performance of vacuum tube circuits, coupled circuits and magnetic circuits. How and why different connections of D.C. motors performed as they did. We learned the use of the "j" operator in computing A.C. circuits, etc. In short, a four-year technical course was crammed into about three months of forced draft, 60 hour per week, study. Lab work, among other things, consisted of building a five tube broadcast receiver from scratch. Needless to say, my ham radio home brewing experience helped in this area.

It was here that Dale, W9BRC, and I parted company. We had planned to go on to the shipboard radio/radar school at Treasure Island in San Francisco after graduation from the Texas A&M radio school; but I had the opportunity to stay over at A&M for a few months as a lab instructor, which I did, and Dale went on to Treasure Island alone. As it turned out, I never did get to Treasure Island, opting instead, after my stint as a lab instructor, for the Aircraft Radio/Radar School (NATTC) at Ward Island, Corpus Christi, Texas.

At Ward Island we were given several months of training in the theory and practice of various communication, navigation, identification, radar, etc. equipment then in current use in navy aircraft. We kept meticulous logs of what we were taught (I think that we may have been graded on the quality of our logs), which were treated as "top secret". Instruction was conducted within a fenced and guarded compound into and

out of which we marched in formation, and from which we could not remove the logs.

Repair of radio/electronic equipment in those days involved replacement of individual components - there were no throwaway sub-assemblies! Thus the training involved troubleshooting of component malfunctions, often multiple but related, put into the equipment by the instructor. We were timed on our ability to discover the malfunction and make the necessary repair. After several months of this schooling I graduated first in Class 17-43 that included 250 Blue jackets and Marines.

Because of my scholastic standing in the class, I had several options to select from for further duty. Among those options, the one I chose was the opportunity to be a member of the first class to be conducted on a new Aircraft Intercept Radar (AIA), which had been developed for night fighters. AIA was a state of the art radar equipment having several modes of operation, including search, intercept and "gunsight".

The "gunsight" mode was particularly unique in that in this mode the antenna transmitted a cone of RF from a rotating parabolic reflector and the return echo from the target was displayed as a blip on the CRT oriented relative to the line of flight of the aircraft, which was designated by a set of cross hairs. As the aircraft closed on the target, the blip would grow wings which, at the boresight distance of the guns would extend between two "goalposts" on the CRT. With the blip centered in the crosshairs and the wings extended between the "goalposts" the pilot would fire his guns and the target would be no more!

Upon completing the AIA radar school I was assigned to a night fighter squadron, VFN-78, which was being formed at the Charlestown NAS, which was part of CASU (Carrier Aircraft Service Unit) 22, near Charlestown, RI. After a few months at Charlestown VFN-78 was transferred to the Naval Air Station at Barber's Point, out of Honolulu, Hawaii. While at Barber's Point I had the opportunity to visit with Dale, W9BRC, for the first time since we parted at Texas A&M. He was stationed at the Pearl Harbor Naval Yard. Would you believe, even then, in the middle of the war, Dale had a sporty automobile in which he gave me a tour of the island! And, as I recall, he also had a motorcycle!

After some further training, VFN-78 was split up into groups of four aircraft each, plus crews, and assigned respectively to aircraft carriers. *cy* group was attached to Air Group 20 and assigned to the U.S.S. Enterprise, the only fast fleet carrier that made it through the war from start to finish; and, after several months action in the South Pacific, we were transferred to the U.S.S. Lexington. Our squadron was in combat in the Pacific from August 1944 to January 1945; and, as a result of this action, received the Navy Unit Citation and the Presidential Unit Citation. We were lucky to be transferred out just prior to the Okinawa operation!

An interesting anecdote regarding our sea duty was that on the way from Pearl Harbor to the war zone one of our aircraft was damaged beyond repair in a landing. The operations were predicated on our having four available night operations aircraft, but no replacements were available because of their special equipment fit. The only alternative was to salvage the special equipment from the damaged aircraft and install it in another of the same type. After some consultation whether it

could be done (some of our officers thought that it would be an impossible task even at a shore station), arrangements were made to pick up a spare F6F-3 at Eniwetok and our crew immediately went to work to install all the special communication, navigation, and especially the ALA radar system to make the spare aircraft into an F6F-3N night fighter. There may have been other hams involved also, but I recall especially that Paul Tayler, then W9BMI, was a member of our crew. The work was all accomplished in a matter of a few days and it appeared that we were successful in our efforts. However, as luck would have it, that aircraft, too, was involved in a landing crash on its maiden flight and was damaged beyond repair.

After our return to the United States in February 1945, I was assigned to CASU 65 in San Ysidro, CA, from where I was discharged as Aviation Electronics Technicians Mate First Class (AETM1/C) in January 1946, three years, four months, and eight days after my enlistment.

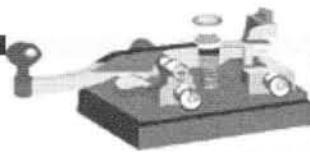
Following my discharge I again went to work in the neighborhood radio service shop where I had worked during high school. While working there I also made out job applications, including those to the various BC stations in the area. FM and TV were definitely coming in; and, since I had acquired my Radiotelephone First and Radiotelegraph Second licenses while stationed in San Ysidro, it appeared that that was the way to go. However, one of the first responses to an application was from Northwest Airlines, for whom I went to work as an aircraft radio mechanic in August 1946. At about the same time, while working at the neighborhood shop, I met the girl who was to become my wife. Laurel came into the shop to buy a phonograph record, which led to our becoming acquainted, and the rest is history.

I held several jobs with Northwest, including Instructor in the Training Division, Aircraft Instrument Mechanic, Systems Engineer in the Electric Shop and was classified as an Aircraft Radio Engineer in the Engineering Department when I left in 1960 to join the Bendix Radio Division in Baltimore, MD. as a Systems Engineer. In 1967 Bendix formed the Bendix Avionics Division and I was transferred to its new headquarters in Ft. Lauderdale, FL., ultimately being assigned the title of Manager, Advanced Engineering Planning. I left Bendix in 1972 to join the Secretariat of the International Civil Aviation Organization, a specialized technical agency of the United Nations concerned with aviation. My principal assignment with ICAO was that of Secretary to the Automated Data Interchange Systems (ADIS) Panel which developed procedures for modernizing the Aeronautical Fixed Telecommunications Network (AFTN) based on a synchronous procedure developed by the International Telecommunications Union (ITU), designated CCITT X.25, on which the Internet and amateur packet communications is based. I retired from ICAO in October 1982.

I have had a serendipitous, varied and interesting career in radio/aviation resulting from an early interest in radio. My enlistment in the Navy as a Petty Officer 2nd class can be attributed specifically to my having been a licensed radio amateur. My subsequent job opportunities and assignments resulted from the training and experience, which evolved from that enlistment. I still maintain a strong interest in the advancing art of radio/electronics and continue as an active radio amateur in my retirement.

Wake Up Call

- by Wayne Green W2NSD/1



*The following article is from Wayne Green's 1999 **Pontifications**. Mr. Green submitted his publication giving the Journal permission to use any of his essays we see fit.*

While our old timers are busy doing their very best to kill what's left of amateur radio with their insistence on maintaining the code barrier to a license, technology is leaving our hobby so far behind that we're more like antique collectors than technologists.

Have you been reading about WDM? That's wavelength division multiplexing and it's increasing the ability of fiber optic systems to where one fiber will be able to deliver the entire contents of the Library of Congress in one second. As systems like this are brought on line, not just to communications centers, but also into homes, the cost of communicating will be inconsequential. We're talking about being able to request any movie or old TV program when we want it.

The possibilities are mind-boggling. Many low-budget movies which have disappeared can be made available, including a wealth of 16mm films. I used to go to Cinema-16 in New York, where they showed some superb films which people would love to see, if they were available and there was some way to know about them. Hmm, there's the potential for another publication!

An old buddy of mine WA3YQY (he used to be W2MKO when we were in high school) is busy putting his 35mm slides into video programs, complete with commentary, a la the Civil War series on PBS. I'd love to see personal travelogue slides or videos done by people who have visited places I'd like to see-like those countries in West Africa, for instance.

Fifteen years ago I got an inside look at a service being pioneered in England where homes were wired with cable and the customers could request any movie they wanted when they wanted it. The system also provided for shopping, with customers able to request video information on a wide variety of products.

The Internet is getting close to this, so it won't be long before we'll be able to see a manufacturer's demonstration and sales pitch for almost any product (or service), and then be able to price shop for the best supplier. Eventually this approach could eliminate most of the middlemen now needed-like sales reps, distributors and even retailers. Manufacturers could almost all sell direct. Maybe this is a good time to start selling any stocks you have in distributing companies. Many of the bulkier and heavier products will have to be delivered from local warehouses, but there won't be the overhead of an expensive storefront, salesmen, management and retail advertising.

Meanwhile, we amateurs are speeding along at 13 words per minute with our precious Morse code. Zzzz.

Chapters on the Air

NONAME	DAY	TIME NC	FREQ	85 ARK-LA-TEX CH	MON	1930L WA9PZL	146.67
SO CALIF CW	SUN	1100L W6WHM	7034	89 PALMETTO STATE CH	SUN	1700L N4RM	3695
FL SSB	SAT	1300Z W4KOG	3955	89 PALMETTO STATE CH	SAT	0830L VARIES	3930
QCWA SSB	SUN	2000Z varies	14347	91 VIC CLARK CH	SUN	0900L VARIES	146.79
FL SSB	WED	1500Z W4NWF	7274	94 ROADRUNNER CH	WED	1400L WB5YYX	146.72
NE REGIONAL	SUN	0845L W2AUF	3917	102 DAKOTA CH	SUN	1400Z VARIES	3889
QCWA CW	WED	2000E varies	7035	106 GERMAN CH	MON	1630Z DL0QCW	3773
1 CLEVELAND CH	WED	2000L W8LYD	146.85	106 GERMAN CH	WED	1700Z DL1MEB	3573
5 DELAWARE VALLEY CH	SUN	0945L W2UAE	3917	107 CENTRAL FL	THU	1230L W4LHP	14245
6 PITTSBURGH CH	SUN	0830L N3GHI	147.03	107 CENTRAL FL	SAT	0900L W4LHP	7243
7 SOUTHERN CA	SUN	1000L W6ZRZ	147.36+	108 BEAVER STATE CH	WED	0800L W7LVN	3926
7 SOUTHERN CA	SUN	0900L W6WHM	3917	109 BATON ROUGE CH	SUN	0830L VARIES	3905
7 SOUTHERN CA	SUN	1100L W6WHM	7234	109 BATON ROUGE CH	SUN	2000L VARIES	19/79
8 UPPER MIDWEST CH	SAT	0800L W0KHG	3877	110 KANSAS CH	SAT	0730L KA0RZO	3920
9 SOUTHWEST OH	SUN	1330L K8YDP	3975	111 PALM BEACH CH	TTHSA	1900L VARIES	146.670
10 MICHIGAN CH	SUN	0800L VARIES	3903	112 YANKEE CH	SUN	0830L W1GCA	3903
11 NORTHERN CA	SAT	1000L W6AQR	146.85-	114 NORTH TEXAS CH	SAT	0830L WA5BXH	3941.5
11 NORTHERN CA	SUN	0930L WA6AFT	3907	122 LAKE ERIE TRI-STATE	SUN	0915L W3QPP	3916
14 SAN DIEGO CH	WED	2000L VARIES	145.52	123 LEE DEFOREST CH	SAT	0730L K0EDO	3940
16 ARIZONA CH	SUN	0600L W7ER	3890	125 NEBRASKA CH	TUE	0100Z VARIES	146.94
17 ALLEGHTON-BETHLEHEM-	SUN	1200L W3GOS	3990	126 PIEDMONT CH	SAT	0845L VARIES	3935
19 MISSOURI CH	WED	1900L W9VHL	147.15+	128 PELICAN CH	SAT	0900L VARIES	145.29
20 BALTIMORE CH	MON	2100L W3EE	147.285	130 INLAND EMPIRE	WED	1930L W6HV	1.896MH
21 CANTON OH CH	THU	1930L VARIES	147.18+	130 INLAND EMPIRE	FRI	1600L W6HV	3900
25 NEBRASKA CH	SAT	0830L VARIES	3982	130 INLAND EMPIRE	SAT	0800L W6HV	3900
25 NEBRASKA CH	TUE	1900L VARIES	145.45	130 INLAND EMPIRE	TUE	0900L VARIES	28750
28 CENTRAL NY	SUN	1030L K2MFB	3917	131 GULF COAST CH	SUN	1430L W1QU	3942
29 FINGER LAKES CH	SUN	1230L W2BCH	3900	134 PINE TREE	TUE	2000L VARIES	146.70
31 READING,PA CH	MON	2100L VARIES	146.91	135 MID-MICHIGAN CH	TUE	2100L VARIES	147.045
32 GATOR CH	SAT	0900L VARIES	145.29	138 MARCONI CH	SAT	0800L W7MZW	3923
33 GUNDERSON PENN-JERSEY	DLY	2000L W3APE	3987	140 WYOMING CH	WED	2000L W8FO	147.27+
33 GUNDERSON PENN JERSEY	DLY	1000L W3APE	14263	142 NORTHWEST OH	SUN	0830L VARIES	145.115
35 MIDCONTINENT CH	THU	2030L K0YML	146.97	143 NORTH CO CH	SUN	0830L VARIES	3897
37 HARRISBURG CH	WED	2100L K3IUY	147.12	146 TWIN STATE CH	SUN	1100L W1KHL	3923
38 SAN ANTONIO CH	SUN	2030L W5HRF	28650	149 NUTMEG CH	SUN	0900L NQ4Q	22/82
41 DALLAS CH	SUN	0715L varies	3835	150 DEL-MAR-VA CH	MON	1900L VARIES	3747
45 CITRUS CH	TUE	1930L VARIES	147.195	151 WILD ROSE CH	MWF	1300L K4FA	14178
46 FOUNDER'S CH	SUN	0815L W2NBT	3917	152 ROYAL PALM CH	T-TH	1300L W4LZB	7220
49 PEACH STATE CH	SAT	0900E K4VNJ	3857.5	152 ROYAL PALM CH	THU	1830L K6AWO	145.480
49 PEACH STATE CH	WED	2000E K4VNJ	145.41	154 LEO MEYERSON CH	SUN	0830L W0GGP	3955
51 TEX-LA GOLDEN TRI	MON	1830L W5AL	146.85	157 PONY EXPRESS CH	SAT	1100L VARIES	7272
55 WI CH	SUN	0830L W9YCV	3985	160 UTAH CH	THU	2100L N9NBC	147.27+
58 CO CH	SUN	0930L VARIES	146.67	162 SOUTHEAST WI	WED	2100L W3AXC	146.97
58 CO CH	SUN	0900L W9KRE	3905	165 YORK COUNTY PA	M/THU	1730L VARIES	3947.5
62 SUWANNEE CH	SAT	0900L W4PFJ	3940	169 SACRAMENTO VALLEY	TUE	1930L W9JRY	147.255
63 CENTRAL OK CH	THUR	1900L W5HXL	145.41	173 GOLDEN TRI CH	SUN	2100L W4CZ	145.110
63 CENTRAL OK CH	SUN	0800L W5AS	3855	174 WI BADGER	SUN	1030L VARIES	3923
64 EL PASO CH	SAT	0830L W5RO	3933	181 HUDSON VALLEY	SUN	0815L W2NBT	3917
65 NIAGARA FRONTIER	SUN	1330L W2QOI	3900	181 HUDSON VALLEY CH	TUE	2030L VARIES	147.060
70 NATIONAL CAPITAL	THUR	2000L VE3QCW	147.03	182 NORTHEAST TN	SUN	2100L W4CZ	146.82
73 SOUTHERN ONTARIO	SUN	0900L VE3AGS	3773	183 PIONEER CH	SUN	1915L K7RFO	146.25+
75 CENTRAL CA COAST	SAT	1600Z VARIES	3917	188 LOST RIVER CH	1ST W	1930L VARIES	146.70
76 BLUE RIDGE CH	SAT	1000L VARIES	3930	191 MONTEREY BAY CH	TUE	1500L VARIES	7088
77 NORTHERN NJ	THU	2000L W2IET	147.030	194 HAWAII CH	1st S	0730L VARIES	147.345
79 SUNFLOWER CH	WED	2000L VARIES	22/82	196 EDISON CH	DLY	0100L VARIES	147.27+
81 LONG ISLAND CH	FRI	2030L W2TLC	146.745	205 EASTERN IN	THU	0830L VARIES	147.27+
81 LONG ISLAND QCWA CH	SUN	1130L W2TLC	3917				



NAUTICAL HAMSHACK

Your Journal Editor recently asked for members to send in some good photographs that could be used on the cover. Among my suggestions were interesting hamshacks. Robert Block K6LX responded to my plea with photographs his magnificent hamshack. How it came to be is detailed below.

A local furniture maker is the grandson of a well known merry-go-round maker of the past. He still makes gorgeous animals (near full size, one-ofs) for some customers who want a carousel animal for decoration. While admiring one of his reindeer on display at the local museum a few years ago, I asked him if he could make up something I always dreamed about: a nautical ham station.

Result: a transformation of a double closet in a small bedroom into a radio ham shack over a nautical chart table used for planning sailing cruises.

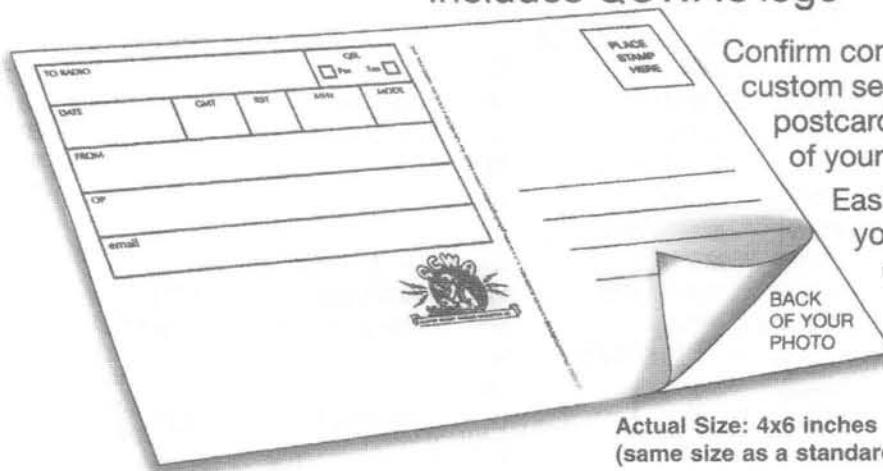
Submitted by Robert Block K6LX - E-mail: k6lx@arrl.net

Photography: Chuck Place of Place Photography, Santa Barbara, CA (placephotography.com)

Design: David Dentzel of Dentzel Furniture Design, Santa Barbara CA (dentzeldesigns.com)

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QCWA Welcomes New Members

DATE	MEMNUM	NAME	CALL	CITY	ST/PR	SPONSOR	SCALL
10/07/2002	31700	EGLIN, JAMES H	WD8IDN	ELYRIA	OH	CHUCK PISTONE	W8PFH
10/07/2002	31701	HIGGS, STUART E	KC7CYR	PORT ORCHARD	WA	-	-
10/07/2002	31702	JOHNSON, DAVID W	WA4DJ	FRONT ROYAL	VA	RAY C H JOHNSON	K5RJ
10/07/2002	31703	EARLEY, JOHN	W0RMA	BOULDER	CO	-	-
10/08/2002	31704	ANDERSON, KENNETH A	W4JQT	ENGLEWOOD	FL	JOAN R JOHNSON	K4JRJ
10/08/2002	31705	HARRISON, LAWRENCE T JR	K3JRR	WHITE PLAINS	MD	-	-
10/08/2002	31706	KLINE, BARRY	NJ3N	HUNTINGDON	PA	-	-
10/08/2002	31707	NEWMAN, DAVID	W3HYM	LA PLATA	MD	-	-
10/08/2002	31708	VEENSTRA, LESTER	K1YCM	FREDERICK	MD	-	-
10/09/2002	31709	CARPENTER, STANLEY E	W2LVK	EAST SYRACUSE	NY	JIM MOZLEY	W2BCH
10/10/2002	31710	PRIESTER, HARRY L	W9FBO	HINSDALE	IL	LES PETERSON	W9YCV
10/10/2002	31711	WALKER, DAN	WD5CND	FAYETTEVILLE	AR	-	-
10/11/2002	31712	MOREHOUSE, CHARLES W	W4GBW	MERRITT ISLAND	FL	JOHN NAUMAN	W9CN
10/11/2002	31713	WOOD, KENNETH D	KS5R	HOUSTON	TX	-	-
10/14/2002	31714	CONKLIN, DOROTHY M	KQ4R	TAVERAS	FL	HENRY E SCHURMAN	W3DJE
10/15/2002	31715	HOCHREITER, JOE JR	WA3KTZ	YARDLEY	PA	-	-
10/15/2002	31716	MONTZ, JOHN P	K7TSS	GREEN RIVER	WY	-	-
10/15/2002	31717	LAGERWAY, TED	VA7TL	CRANBROOK	BC	-	-
10/18/2002	31718	MEASDAY, ANDREW H	WA3RML	ARLINGTON	TX	-	-
10/21/2002	31719	BOOTS, THOMAS K	N4XFK	LOTTSBURG	VA	-	-
10/21/2002	31720	LATHAN, WILLIAMA	AK5K	MESQUITE	TX	ALAN PICKERING	KJ9N
10/21/2002	31721	SEVERN, WILLIAM C	K2JGL	NASHUA	NH	ALAN PICKERING	KJ9N
10/22/2002	31722	AMES, JOSEPH A JR	W3JY	BRYN MAWR	PA	-	-
10/22/2002	31723	KELLY, FRED C III	K8AWF	EUCLID	OH	-	-
10/22/2002	31724	OTERO, ROBERTO ENRIQUE	LU7DS	ARGENTINA	-	-	-
10/30/2002	31725	BROCKDORF, THOMAS C	W9FL	GREENFIELD	WI	-	-
10/30/2002	31726	CROW, STEPHEN	K4CPX	PUNTAGORDA	FL	-	-
10/30/2002	31727	DI SALVO, SAL	N1SY	MILFORD	CT	-	-
10/30/2002	31728	MAPLES, RONALD EDWARD	NP2AQ	US EMBSY BRUSSELS	-	-	-
10/30/2002	31729	MIKESELL, EAYMOND E JR	KC7NE	SUMMerville	SC	-	-
10/30/2002	31730	OSORNE, CHARLESS	K4GSO	BREVARD	NC	DUKE KNIEF	W4DK
10/30/2002	31731	SCHRETTTER, STANLEY	W4MQ	RESTON	VA	RAY C H JOHNSON	K5RJ
10/30/2002	31732	FEARN, DOUGLAS W	K3KW	WEST CHESTER	PA	-	-
10/31/2002	31733	MANDERY, HAROLD J II	W8AIR	BEDFORD	IN	-	-
11/01/2002	31734	OLSON, EDWARD B	K1OAS	NEW CANAAN	CT	-	-
11/01/2002	31735	WADE, DONALD JAMES	W8DEA	MASSILLON	OH	NARC HAMFEST	
11/06/2002	31736	BARKHURST, JON R	WB8NTA	GRAND ISLAND	NY	TOM WHALEN	W2QI
11/06/2002	31737	COTE', WILLIAM	WD8NYW	LANSING	MI	DONALD TILLITSON	WB8NUS
11/06/2002	31738	SWENSON, ERNEST W	WB6WA	SAUNDERSTOWN	RI	-	-
11/07/2002	31739	MORRISON, ROBERT N	WB8ZBT	ATOKA	TN	-	-
11/08/2002	31740	GORDEN, MARVIN J	KC9VF	ELK CITY	OK	GENE NAILON	K5DLE
11/08/2002	31741	PLANER, THOMAS E	KJ9P	CROWN POINT	IN	-	-
11/08/2002	31742	SCHULZ, LANCE H	AI9U	DOWNERS GROVE	IL	-	-
11/08/2002	31743	WEEKS, JOHN R	K8RT	MANSFIELD	OH	-	-
11/12/2002	31744	GRANT, JOHN EDWARD	NA2F	NORTH ARLINGTON	NJ	-	-
11/12/2002	31745	MC GEE, STEPHEN	WA1PDF	WETHERSFIELD	CT	ALEXANDER COHEN	W1FXQ
11/12/2002	31746	ROBERTS, RUSSELL R JR	KH6JRM	LAUPAHOEHOE	HI	PAUL D LIEB	KH7HME
11/14/2002	31747	CUTTER, GEORGE T	K0GC	FENTON	MO	JOHN GERMANOS	WB9PNU
11/14/2002	31748	SCHMIDT, CONRAD	K2IFE	OAKLAND	NJ	FRANK CIRILLO	WA2MSD
11/15/2002	31749	BUEHNER, PETER C	N8PB	MENTOR	OH	JOE HOFFMAN	WV8X

11/15/2002 31750	CANTON, THOMAS G	WB6GXQ OAKHURST	CA	KEN CEXTON	K6LFR
11/18/2002 31751	BRODY, RICHARD A	WA2FBH SYOSSET	NY	FRANK CIRILLO	WAMSD
11/18/2002 31752	FABIAN, FRED J	WD5HKX TOMBALL	TX	-	-
11/18/2002 31753	NOACK, CAROL	KK5L PORT ARTHUR	TX	NORMAN HELMS	K5SAC
11/18/2002 31754	HOUSMAN, BILL	W0RUO ST LOUIS	MO	JOHN GERMANOS	WB9PNU
11/21/2002 31755	GILBERTSON, JAMES M	WB0UKI RED LAKE FALLS	MN	JAMES C SWISHER	W0HPD
11/21/2002 31756	HARBERT, NED D	K4CNB ST PETERSBURG	FL	WILLIAM A BALL	K4AVH
11/21/2002 31757	HENSON, WILLIAM E	WB5SYS AUSTIN	TX	-	-
11/21/2002 31758	RUCH, DAVE A	NF0J BLOOMINGTON	MN	-	-
11/22/2002 31759	SCHNEEBELI, ALBERT C	AD9P FENTON	MO	-	-
11/22/2002 31760	CARRON, EARLA	N1VP CAPE CORAL	FL	-	-
11/22/2002 31761	JACOBS, SAM W	K3SAM LATROBE	PA	-	-
11/25/2002 31762	MINOR, JOHN	WD0EDK WICHITA	KS	-	-
11/25/2002 31763	MANGNUS, LOUIS	AB6AU WEST SACRAMENTO	CA	PAUL WOLF	W6RLP
11/26/2002 31764	MITCHELL, VERNON T JR	WB1CHU CLINTON	MA	-	-
11/26/2002 31765	CATLENDER, WILLIAM	VE3ILE SCARBOROUGH	ON	TONY FEGAN	VE3QF
12/02/2002 31766	ALBERS, RALPH H	W4ER FALLS CHURCH	VA	DICK RUCKER	KM4ML
12/02/2002 31767	AMBLER, JOHN STEWART	VE6CAQ CALGARY	AB	KEN OELKE	VE6AFO
12/02/2002 31768	MERSHON, ROBERT C	W0BFK ELK RIVER	MN	-	-
12/02/2002 31769	SCAFFERI, CARL G	KB0FB MARSHALLTOWN	IA	JAMES F BISHOP	W8JFB
12/03/2002 31770	CRADDOCK, JOSEPH D	AE1S CRANSTON	RI	-	-
12/04/2002 31771	VEL SOBCZYK, JANUSZ B	ZS5ADU DURBAN, SOUTH AFRICA	-	-	-
12/05/2002 31772	WORSTER, JAMES	NV5S ALPINE	TX	-	-
12/10/2002 31773	BARKER, BERNHART B	WD8OVL EAST LANSING	MI	DONALD T TILLOTSON	WB8NUS
12/12/2002 31774	ROBINSON, ALAN H	W4LKE CORVALLIS	OR	-	-
12/16/2002 31775	EINBECK, KLAUS	DJ2RG OSCHERSLEBEN	DL	WERNER LEMBCKE	DL1ZC
12/19/2002 31776	JENSEN, MAX G	W6SFC TAYLORSVILLE	UT	-	-
12/19/2002 31777	PATTISON, ROBERT A	VE3GVD GODERICH	ON	HAROLD BRAUN	VE3DWH
12/20/2002 31778	FLETCHER, WALTER REID	WB7CJO LARAMIE	WY	-	-
12/23/2002 31779	HULSE, DOUGLAS L	K7AAC COTTONWOOD	AZ	RICHARD R HULSE	W7RFE
12/23/2002 31780	POLLARD, RAYMOND LEE	WA4RZF KNOXVILLE	TN	RONNIE SERVIES	W4ZZL
12/26/2002 31781	HUTCHINS, JOHN W	WB4NNY NEWTON	NC	-	-
12/26/2002 31782	VIERICH, WERNER	DL7UVW GERMANY		PETE TETSCHLAS	DL7VEO
12/27/2002 31783	MARLOWE, DAVID R	AF7G LINWOOD	KS	WILBUR E GOLL	W0DEL

The suggested QCWA calling frequencies

*If you want to get on and chat with a fellow QCWA member,
Chapter 63 in Oklahoma recommends the following frequencies:*

CW – 3.535, 7.035, 10.115, 14.035, 18.100, 21.035, 24.925, 28.035

Phone – 3.855, 7.255, 14.255, 18.155, 21.355, 24.955, 28.355

**No nets, just a place to look for QCWA members. Spread the word around.
Also don't forget the regular nets!**

Silent Keys
With sadness we record the passing of these members

NAME	CALL	MEMNUM	L	SK	CITY	ST
FOURNIER, LEO E	W6JWZ	25446	2002		CAMARILLO	CA
BOMBRIA, GEORGE R	W1WRN	19991	2002		WILLIMANTIC	CT
FRYE, ROBERT A	W6JWU	07739	2002		ENCINITAS	CA
FOURNIER, LEO E	W6JWZ	25446	2002		CAMARILLO	CA
WIDELL, CARL E	KD0IR	23255	2002		BOZMAN	MD
GROTHIER, NORMA	K7UTT	23399	2002		YAKIMA	WA
DERVISHIAN, EDWARD	W9VSU	28679	2002		LINCOLNWOOD	IL
ALCORN, C BERNARD	WA3EZR	16428	2002		NORTH EAST	PA
BRUSCELLA, JOHN J	W2LEC	04285	2002		GREENACRES	FL
PARSONS, WILLIAM B	W5ODL	28810	2002		MUSTANG	OK
ARCILESI, C J	K3WUR	20101	2002		SILVER SPRING	MD
MILLER, EDWARD G	W5EXI	07797	*	2002	LAFAYETTE	LA
KAY, ARTHUR P JR	W5APX	06417	*	2002	JASPER	TX
EATON, MAURICE H	WA5YCW	26962	2002		NEDERLAND	TX
PAYNE, GRADY A	W5ETA	04737	2002		CLEVELAND	TX
JAGO, WILLIAM G	K7MO	02728	2002		MERLIN	OR
WILKINSON, DONALD P	W0DP	08675	2002		CURTIS	NE
LAXSON, DAN D	W4DL	02708	2002		MIAMI	FL
PATTERSON, THOMAS L	W5UKY	11257	2002		CHAPPARAL	NM
TIPPIE, HERMAN L	WA8HER	21396	2002		LEBANON	OH
PURCELL, STEWART W	W6ENA	03939	2002		INVERNESS	CA
SCHLUETER, J E	W8WYH	05542	2002		FAIRBORN	OH
LINCOLN, MARSHALL	W7DQS	16709	2002		WICKENBURG	AZ
DRAGE, DOUGLAS B	FG2BNI	22215	2002		FRANCE	
SENONES, RICK	KH7RS	30670	2002		MILILANI	HI
PALMER, KENNETH J	K2FJ	07309	*	2002	EAST AURORA	NY
HAYNES, FORREST K	K4YPO	18480	2002		WEST PALM BEACH	FL
BERG, SIDNEY	W2IID	02558	2002		GREAT NECK	NY
WOLFORD, CLEM E	W8ENH	01378	2002		WEST CARROLLTON	OH
HUNDAHL, D J JR	NN5K	22374	2002		DALLAS	TX
MINOR, JOHN	WD0EDK	31762	2002		WICHITA	KS
WHITE, BOB	W1CW	26306	2002		SEFFNER	FL
LITTELL, ELMER L	W4ZFD	00652	*	2002	MANCHESTER	NJ
GRANBERRY, EARL E	W5YYC	12238	2002		DALLAS	TX
RUDD, F A	W0EUT	05281	*	2002	GRETNNA	NE
BYRNE, ROBERT M	K2AXM	15613	*	2002	MERCERSBURG	PA
MERBLUM, GERALD	W2CRT	09783	2002		DEL RAY BEACH	FL
BLAIR, JAMES N	W0JB	10574	2002		DENVER	CO
YUST, HARRY J	W3GU	30056	2002		WINTER GARDNE	FL
JOHNSON, GORDON W	WA6RNS	24361	2002		RIVERSIDE	CA
ADEL, JOHN	W5RR	05909	*	2002	DALLAS	TX
KLEIBER, ROBERT F	KR8G	25461	2002		KENNETH CITY	FL
ROUSSEL, W A JR	K5RVF	16765	2002		PORT ARTHUR	TX
ARD, ROBERT E	W5JME	08169	2002		MIDWEST CITY	OK
MARIE, CAMILLE S	W3EPR	03622	2002		BALTIMORE	MD
HOSKIN, REGINALD	W7ROL	01672	2002		FOUR LAKES	WA
TURNER, FREDERICK H	VE3LV	29079	2002		GLOUCESTER	ON
BUSHNELL, JOSEPH H	WA7BLE	19801	2002		PACIFIC BEACH	WA
FOLKERTS, HERMAN L	K4KO	08560	*	2002	VERO BEACH	FL

NOTE: In the winter 2002 we erroneously listed Jerry Gate K5DXI as a Silent Key. It was his father Jerry Gate K5BVS.

The Journal sincerely apologizes to the family and acquaintances for this error

Member Classified

Wanted: FYO Paddle made by W8FYO. Also other old or premium paddles. Not interested in bugs. Don Hammond K4UE, 4015 CO Rd 12, Faunsdale AL 36738. Ph: 334-627-3347 or email: k4ue@frontiernet.net

WANTED: A few (5-20) E. F. Johnson type Banana Plugs, the type that have 6-32 nuts or screw fasteners on the ends. They were used on the old B&W L and T type transmitting plug-in inducitors and home brew stuff. Dave Kennedy, N4SU, 715 Mountain View Rd., King, NC. (336) 983-0123. daveN4SU@att.net

WANTED: Collins Signal magazines (individual copies or sets). McElroy or Vibroplex Zephyr bug. Brian Roberts K9VKY, 130 Tara Drive, Fombell, PA 16123 (724)758-2688 k9vky@arrl.net

Wanted: Pre WW II QSL collections also Don Miller & YASME/Colvin cards. Jack W7CNL, 3708 Hawthorne Drive, Boise ID 83703 email: w7cnl@aol.com

WANTED: QST 1940-1949 and 1940's novice hm brw paraphernalia. WB6OLL, 4913 Rhoads Ave., Santa Barbara, CA 93111-2720, (805) 967-1729.

Wanted: National NTE transmitter, SW-3 Universal (octal tubes), Knight 2 tube "DXer", home-brew receivers, particularly Radio & ARRL Handbook designs. John, KU6X, 2512 Euclid Crescent E. Upland, CA 91784, (909) 981-6759, Email: hurstjsj@gte.net

WANTED: 866 rectifiers, sockets, filament xfmrs, home-brew hf GG final amplifiers w/power supplies. Carlton Trotman W3BRX, 247 W. Maple St., York, PA 17403. E-mail: W3BRX@AOL.COM

Please send classified ads to QCWA Journal, 672 Indian River Dr., Melbourne, FL 32935 to arrive no later than 1 month prior to publication date. Ads may also be faxed to 800-421-3279 or e-mailed to gwentz@digital.net

Kindly limit ads to 25 words. Words are counted as follows: **WANTED, FOR SALE, FREE, etc** count as 1 word; **your address** counts as 6 words.

I am looking for pix (copies) and documentation of a typical B-17 base "Radio Shack"—either England or the Pacific theater of ops. Our CAF Wing is putting together a museum focused around our B-17G "Texas Raiders" and a working, authentic, radio station would be a great museum addition. Any info to help out on this project would be most appreciated.

Thanks,

Bud Bearce, K5JGU - budk5jgu@hal-pc.org
1614 Oxford Houston, Texas 77008

When you buy amateur products and they ask where you first learned of their product, tell 'em you saw it in the QCWA JOURNAL.



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